

FCC SAR TEST REPORT

FCC ID : A4RG7SWN
Equipment : Phone
Model Name : G7SWN
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : FCC 47 CFR Part 2 (2.1093)

The product was received on Nov. 17, 2025 and testing was started from Jan. 03, 2026 and completed on Apr. 15, 2026. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample provide by manufacturer and the test data has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been pass the FCC requirement.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager



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History of this test report

Report No.	Version	Description	Issued Date
FA5N0815-01C	01	Initial issue of report	Apr. 25, 2026
FA5N0815-01C	02	Update section 2.2, section 14.1, 14.2, appendix D-1	May. 08, 2026



1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Google LLC, Phone, G7SWN, are as follows.

Equipment Class	Frequency Band	Highest SAR Summary				Highest Simultaneous Transmission 1g SAR (W/kg)
		Head (Separation 0mm)	Hotspot (Separation 5mm)	Body-Worn (Separation 5mm)	Product Specific (Separation 0mm)	
		1g SAR (W/kg)			10g SAR (W/kg)	
Licensed	GSM850	0.94	0.70	0.75		1.59
	GSM1900	0.47	0.84	0.77		
	WCDMA II	0.67	0.84	0.79		
	WCDMA IV	0.36	0.81	0.79		
	WCDMA V	0.86	0.73	0.73		
	LTE Band 7	0.81	0.85	0.78	1.67	
	LTE Band 12/17	0.99	0.63	0.79		
	LTE Band 13	0.86	0.69	0.74		
	LTE Band 14	0.97	0.79	0.79		
	LTE Band 2/25	0.99	0.83	0.99		
	LTE Band 5/26	0.98	0.78	0.78		
	LTE Band 30	0.79	0.78	0.72		
	LTE Band 4/66	0.99	0.85	0.99		
	LTE Band 71	0.92	0.63	0.76		
	LTE Band 38/41	0.91	0.85	0.85	1.32	
	LTE Band 48	0.99	0.75	0.90		
	FR1 n7	0.81	0.83	0.78	1.60	
	FR1 n12	0.92	0.63	0.74		
	FR1 n13	0.97	0.78	0.78		
	FR1 n14	0.98	0.75	0.79		
	FR1 n2/n25	0.99	0.84	0.93		
	FR1 n5/n26	0.99	0.78	0.78		
	FR1 n30	0.79	0.84	0.70		
	FR1 n66	0.98	0.83	0.86		
	FR1 n70	0.98	0.79	0.87		
	FR1 n71	0.91	0.79	0.79		
	FR1 n38/n41	0.80	0.85	0.89	1.38	
	FR1 n48	0.99	0.83	0.96	2.12	
	FR1 n77/n78	0.88	0.76	0.89		
	NTN Band 23				2.44	
	NTN Band 255				2.48	
DTS	2.4GHz WLAN	0.70	0.25	0.67		1.59
NII	5GHz WLAN	0.80	0.25	0.76	1.27	1.59
6CD/6VL	6GHz WLAN	0.72	0.24	0.70	0.35	1.59
DSS	Bluetooth	0.24	0.47	1.06		1.59
DTS	Thread	0.23	0.32	1.06		1.59
DXX	NFC				0.01	
Equipment Class	Frequency Band	Reported IPD (mW/cm ²)				
5GM	6GHz WLAN	0.74				
Date of Testing:		2026/01/03 ~ 2026/04/15				

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation and the FCC designation No. TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test. This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR, 4.0 W/kg for Product Specific 10g SAR) specified in FCC 47 CFR part 2 (2.1093), Human Exposure to RF Radiation Limits (1.0 mW/cm²=10 W/m²) specified in FCC 47 CFR part 1.1310 and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

Reviewed by: Jason Wang
Report Producer: Carlie Tsai



2. Equipment Under Test (EUT) Information

2.1 General Information

Product Feature & Specification	
Equipment Name	Phone
Model Name	G7SWN
FCC ID	A4RG7SWN
S/N	5B111FDDW0000H, 61051FDKX000CY, 61051FDKX000D0
Wireless Technology and Frequency Range	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz 5G NR n2: 1850 MHz ~ 1910 MHz 5G NR n5: 824 MHz ~ 849 MHz 5G NR n7: 2500 MHz ~ 2570 MHz 5G NR n12: 699 MHz ~ 716 MHz 5G NR n13: 777 MHz ~ 787 MHz 5G NR n14: 788 MHz ~ 798 MHz 5G NR n25: 1850 MHz ~ 1915 MHz 5G NR n26: 814 MHz ~ 849 MHz 5G NR n30: 2305 MHz ~ 2315 MHz 5G NR n38: 2570 MHz ~ 2620 MHz 5G NR n41: 2496 MHz ~ 2690 MHz 5G NR n48: 3550 MHz ~ 3700 MHz 5G NR n66: 1710 MHz ~ 1780 MHz 5G NR n70: 1695 MHz ~ 1710 MHz 5G NR n71: 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450 MHz ~ 3550 MHz 5G NR n78: 3700 MHz ~ 3800 MHz, 3450 MHz ~ 3550 MHz 5G NR n258: 24.25 GHz~24.45 GHz, 24.75GHz ~25.25GHz 5G NR n260: 37 GHz~40 GHz 5G NR n261: 27.5 GHz~28.35 GHz NTN NB IoT B23: 2000 MHz ~2020 MHz NTN NB IoT B255: 1626.5 MHz ~ 1660.5 MHz WLAN 2.4 GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2 GHz Band: 5150 MHz ~ 5250 MHz WLAN 5.3 GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.6 GHz Band: 5470 MHz ~ 5725 MHz WLAN 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz WLAN 6GHz Band: 5925 MHz ~ 6425 MHz, 6425 MHz~6525 MHz, 6525 MHz~6875 MHz, 6875 MHz~7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC: 13.56 MHz WPC: 110 kHz ~ 148.5 kHz(Rx) UWB: 6489.6 MHz, 7987.2 MHz Thread: 2405 MHz ~ 2480 MHz

Mode	GSM/GPRS/EGPRS UMTS: RMC/AMR 12.2Kbps, HSDPA, HSUPA LTE: QPSK, 16QAM, 64QAM, 256QAM NTN: BPSK, QPSK 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN: 802.11a/b/g/n/ac/ax/be HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160/EHT20/EHT40/EHT80/EHT160 Bluetooth BR/EDR/LE/CS NFC: ASK WPC: ASK UWB: BPM-BPSK/HPSK Thread: QPSK
GSM / (E)GPRS Transfer mode	Class B – EUT cannot support Packet Switched and Circuit Switched Network simultaneously but can automatically switch between Packet and Circuit Switched Network.
Remark: - Dynamic antenna tuning mechanism is available at Ant. 0, for its < 1GHz LTE and NR band, and the supplemental antenna tuner test results were included in appendix G, details are illustrated in the operational description. - This device WLAN 2.4GHz / 5.2GHz / 5.8GHz and 6GHz VLP supports Hotspot operation and Bluetooth support tethering applications - The device implements the power management and power reduction mechanism for SAR compliance at different exposure conditions (head, body, hotspot and product specific), the TAS feature will manage to ensure the power level not exceeding the associated power table. Also device support RTAs antenna group to analysis simultaneous transmission include in appendix F. - The device implements power reduction mechanism for SAR compliance, the power reduction verification results are provided in Appendix E. - The device supports uplink MIMO. Since the uplink MIMO antennas operate on different antenna groups, TAS validation is not required. - Power Class 1.5 (PC1.5) supports only uplink MIMO configurations. - The UWB output power is -13.36 dBm and it is less than 1mW and exempt from power density testing.	

2.2 Maximum Tune-up Limit

General Note:

- In this report, PC3, PC2, and PC1.5 refer to Power Class 3, Power Class 2, and Power Class 1.5, respectively.
- For each cellular band, the device utilizes multiple WWAN antennas. Antenna selection is dynamically managed based on real-time connection quality.
- The following table shows maximum output power configurations for various exposure conditions (output power index) with tune-up tolerance accounted. For TAS enabled bands, the values associate with Plimit plus the total uncertainty, or Pmax plus total uncertainty when the derived Plimit is higher than Pmax. In some frequency bands, for some power indexes which associate with the same power level, conducted power measurement for those only need to perform at once. Detail output power measurement refer to appendix D.
- The PC1.5 NR SAR was not required, due to PC1.5 operate in the time-averaged and burst transmission power is less than PC2, therefore, only PC2 was performed on the highest SAR test configuration in PC3, and use PC3 power level and SAR to estimated PC2 SAR linearly, and check if the deviation from the measured PC2 SAR is < 10%.
- Thread only transmits using antenna 3, and it cannot operate concurrently with Bluetooth transmission.
- PC1.5 supports only uplink MIMO configurations. In this mode, the target power per transmit chain is set equivalent to the PC2 standalone (SA) power level, such that the total combined output power across all chains achieves the aggregate power level defined for Power Class 1.5 (i.e., PC2 SA level + 3 dB).

Antenna	Support Transmit Band
Ant 0	GSM850/1900, UMTS B2/B4/B5, LTEB2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B30/B38/B41/B66/B71 FR1 n2/n5/n7/n12/n13/n14/n25/n26/n30/n38/n41/n66/n70/n71
Ant 1	GSM850, UMTS B5, LTEB2/B4/B5/B12/B13/B14/B17/B25/B26/B38/B41/B48/B66/B71 FR1 n2/n5/n12/n13/n14/n25/n26/n38/n41/n48/n66/n70/n71/n77/n78
Ant 2	GSM1900, UMTS B2/B4, LTEB2/B4/B7/B25/B30/B38/B41/B66, FR1n2/n7/n25/n30/n38/n41/n66/n70
Ant 5	LTE B2/B4/B25/B38/B41/B48/B66, FR1n2/n25/n38/n41/n48/n66/n70/n77/n78, NTN23/B255
Ant 6	LTE B48, FR1n48/n77/n78
Ant 7	LTE B48, FR1n48/n77/n78



Maximum Transmit Burst Average Power (dBm)									
Wireless technology	Mode	Mode	Antenna	Maximum Power Condition	Head	Head	Hotspot	Body-worn/ Extremity	Body-worn/ Extremity
					Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous
					ECI 2	ECI 3	ECI 6	ECI 4	ECI 5
GSM	B850	1TX	Ant0	33.50	33.50	33.50	32.20	32.40	32.20
GPRS	B850	1TX	Ant0	33.50	33.50	33.50	32.20	32.40	32.20
GPRS	B850	2TX	Ant0	32.30	32.30	32.30	29.20	29.40	29.20
GPRS	B850	3TX	Ant0	31.30	31.30	30.80	27.40	27.60	27.40
GPRS	B850	4TX	Ant0	30.30	30.30	29.60	26.20	26.40	26.20
EGPRS	B850	1TX	Ant0	27.30	27.30	27.30	27.30	27.30	27.30
EGPRS	B850	2TX	Ant0	26.30	26.30	26.30	26.30	26.30	26.30
EGPRS	B850	3TX	Ant0	25.30	25.30	25.30	25.30	25.30	25.30
EGPRS	B850	4TX	Ant0	24.30	24.30	24.30	24.30	24.30	24.30
GSM	B850	1TX	Ant1	33.20	33.20	32.80	33.20	33.20	33.20
GPRS	B850	1TX	Ant1	33.20	33.20	32.80	33.20	33.20	33.20
GPRS	B850	2TX	Ant1	32.00	30.50	29.80	31.60	32.00	31.60
GPRS	B850	3TX	Ant1	31.00	28.70	28.00	29.80	31.00	29.80
GPRS	B850	4TX	Ant1	30.00	27.50	26.80	28.60	30.00	28.60
EGPRS	B850	1TX	Ant1	27.00	27.00	27.00	27.00	27.00	27.00
EGPRS	B850	2TX	Ant1	26.00	26.00	26.00	26.00	26.00	26.00
EGPRS	B850	3TX	Ant1	25.00	25.00	25.00	25.00	25.00	25.00
EGPRS	B850	4TX	Ant1	24.00	24.00	24.00	24.00	24.00	24.00
GSM	B1900	1TX	Ant2	30.40	30.40	30.40	28.70	30.30	28.70
GPRS	B1900	1TX	Ant2	30.40	30.40	30.40	28.70	30.30	28.70
GPRS	B1900	2TX	Ant2	28.90	28.90	28.90	25.70	27.30	25.70
GPRS	B1900	3TX	Ant2	28.40	28.40	28.40	23.90	25.50	23.90
GPRS	B1900	4TX	Ant2	27.40	27.40	27.40	22.70	24.30	22.70
EGPRS	B1900	1TX	Ant2	26.40	26.40	26.40	26.40	26.40	26.40
EGPRS	B1900	2TX	Ant2	25.40	25.40	25.40	25.40	25.40	25.40
EGPRS	B1900	3TX	Ant2	24.40	24.40	24.40	23.90	24.40	23.90
EGPRS	B1900	4TX	Ant2	23.40	23.40	23.40	22.70	23.40	22.70
GSM	B1900	1TX	Ant0	30.30	30.30	30.30	24.20	25.60	24.20
GPRS	B1900	1TX	Ant0	30.30	30.30	30.30	24.20	25.60	24.20
GPRS	B1900	2TX	Ant0	28.80	28.80	28.80	21.20	22.60	21.20
GPRS	B1900	3TX	Ant0	28.30	28.30	28.30	19.40	20.80	19.40
GPRS	B1900	4TX	Ant0	27.30	27.30	27.30	18.20	19.60	18.20
EGPRS	B1900	1TX	Ant0	26.30	26.30	26.30	24.20	25.60	24.20
EGPRS	B1900	2TX	Ant0	25.30	25.30	25.30	21.20	22.60	21.20
EGPRS	B1900	3TX	Ant0	24.30	24.30	24.30	19.40	20.80	19.40
EGPRS	B1900	4TX	Ant0	23.30	23.30	23.30	18.20	19.60	18.20



Maximum Transmit Burst Average Power (dBm)									
Wireless technology	Mode	Mode	Antenna	Maximum Power Condition	Head	Head	Hotspot	Body-worn/ Extremity	Body-worn/ Extremity
					Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous
					ECI 2	ECI 3	ECI 6	ECI 4	ECI 5
WCDMA	B2	PC3	Ant2	25.00	25.00	25.00	19.50	20.90	19.50
WCDMA	B2	PC3	Ant0	24.90	24.90	24.90	14.50	16.30	14.50
WCDMA	B4	PC3	Ant2	25.00	25.00	25.00	20.40	21.80	20.40
WCDMA	B4	PC3	Ant0	24.80	24.80	24.80	15.30	16.70	15.30
WCDMA	B5	PC3	Ant0	25.00	25.00	25.00	22.00	22.00	22.00
WCDMA	B5	PC3	Ant1	24.70	24.00	23.20	24.70	24.70	24.70
LTE	B2	PC3	Ant2	25.00	25.00	25.00	18.90	20.20	18.90
LTE	B2	PC3	Ant0	24.90	24.90	24.90	14.80	15.80	14.80
LTE	B2	PC3	Ant1	25.00	18.70	17.90	19.80	20.60	19.80
LTE	B2	PC3	Ant5	24.90	18.20	15.90	17.60	19.00	17.60
LTE	B4	PC3	Ant2	25.00	25.00	25.00	20.40	21.80	20.40
LTE	B4	PC3	Ant0	24.80	24.80	24.80	14.90	16.30	14.90
LTE	B4	PC3	Ant1	25.00	20.00	19.30	21.20	22.00	21.20
LTE	B4	PC3	Ant5	24.90	17.90	16.80	17.10	18.90	17.10
LTE	B5	PC3	Ant0	25.00	25.00	25.00	21.70	21.70	21.70
LTE	B5	PC3	Ant1	24.70	23.60	22.90	24.20	24.70	24.20
LTE	B7	PC3	Ant2	25.00	23.30	23.20	17.00	18.70	17.00
LTE	B7	PC3	Ant0	24.90	24.90	24.90	15.50	17.90	15.50
LTE	B12	PC3	Ant0	25.00	25.00	25.00	23.50	25.00	23.50
LTE	B12	PC3	Ant1	24.80	24.10	23.40	24.80	24.80	24.80
LTE	B13	PC3	Ant0	25.00	25.00	25.00	22.10	22.40	22.10
LTE	B13	PC3	Ant1	24.80	24.60	23.90	23.40	24.80	23.40
LTE	B14	PC3	Ant0	25.00	25.00	25.00	22.30	22.30	22.30
LTE	B14	PC3	Ant1	24.80	23.70	23.00	22.90	24.80	22.90
LTE	B17	PC3	Ant0	25.00	25.00	25.00	23.50	25.00	23.50
LTE	B17	PC3	Ant1	24.80	24.10	23.40	24.80	24.80	24.80
LTE	B25	PC3	Ant2	25.00	25.00	25.00	18.90	20.20	18.90
LTE	B25	PC3	Ant0	24.90	24.90	24.90	14.80	15.80	14.80
LTE	B25	PC3	Ant1	25.00	18.70	17.90	19.80	20.60	19.80
LTE	B25	PC3	Ant5	24.90	18.20	15.90	17.60	19.00	17.60
LTE	B26	PC3	Ant0	25.00	25.00	25.00	21.70	21.70	21.70
LTE	B26	PC3	Ant1	24.70	23.60	22.90	24.20	24.70	24.20
LTE	B30	PC3	Ant2	24.60	24.10	24.00	17.60	19.00	17.60
LTE	B30	PC3	Ant0	24.60	24.60	24.60	15.30	16.70	15.30
LTE	B38	PC3	Ant2	25.00	25.00	25.00	19.10	20.50	19.10
LTE	B38	PC2	Ant2	26.90	26.90	26.90	20.70	22.10	20.70
LTE	B38	PC3	Ant0	24.90	24.90	24.90	17.70	19.90	17.70
LTE	B38	PC2	Ant0	26.80	26.80	26.80	19.30	21.50	19.30
LTE	B38	PC3	Ant1	25.00	23.30	22.60	22.40	22.50	22.40
LTE	B38	PC2	Ant1	26.90	24.90	24.20	24.00	24.10	24.00
LTE	B38	PC3	Ant5	24.80	17.40	16.40	17.80	20.70	17.80
LTE	B38	PC2	Ant5	26.70	19.00	18.00	19.40	22.30	19.40
LTE	B41	PC3	Ant2	25.00	25.00	25.00	19.10	20.50	19.10
LTE	B41	PC2	Ant2	26.90	26.90	26.90	20.70	22.10	20.70
LTE	B41	PC3	Ant0	25.00	25.00	25.00	17.70	19.90	17.70
LTE	B41	PC2	Ant0	26.90	26.90	26.90	19.30	21.50	19.30
LTE	B41	PC3	Ant1	25.00	23.30	22.60	22.40	22.50	22.40
LTE	B41	PC2	Ant1	26.90	24.90	24.20	24.00	24.10	24.00
LTE	B41	PC3	Ant5	24.80	17.40	16.40	17.80	20.70	17.80
LTE	B41	PC2	Ant5	26.70	19.00	18.00	19.40	22.30	19.40
LTE	B48	PC3	Ant6	24.20	24.20	24.20	19.00	20.40	19.00
LTE	B48	PC3	Ant7	22.70	22.70	22.70	18.10	19.50	18.10
LTE	B48	PC3	Ant1	25.10	18.10	17.40	17.10	19.80	17.10
LTE	B48	PC3	Ant5	24.30	20.00	18.80	21.90	21.90	21.90
LTE	B66	PC3	Ant2	25.00	25.00	25.00	20.40	21.80	20.40
LTE	B66	PC3	Ant0	25.00	25.00	25.00	14.90	16.30	14.90
LTE	B66	PC3	Ant1	25.00	20.00	19.30	21.20	22.00	21.20
LTE	B66	PC3	Ant5	24.90	17.90	16.80	17.10	18.90	17.10
LTE	B71	PC3	Ant0	25.00	25.00	25.00	23.90	25.00	23.90
LTE	B71	PC3	Ant1	24.80	24.70	24.00	24.80	24.80	24.80
NR	n2	PC3	Ant2	25.00	25.00	25.00	19.90	21.30	19.90
NR	n2	PC3	Ant0	24.90	24.90	24.90	15.00	15.70	15.00
NR	n2	PC3	Ant1	25.00	18.60	18.60	20.20	20.90	20.20
NR	n2	PC3	Ant5	24.90	18.50	17.10	18.40	19.80	18.40
NR	n5	PC3	Ant0	25.00	25.00	25.00	21.70	21.70	21.70
NR	n5	PC3	Ant1	24.70	23.90	23.10	24.10	24.70	24.10
NR	n7	PC3	Ant2	25.00	23.50	23.00	17.00	19.00	17.00



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NR	n7	PC3	Ant0	24.90	24.90	24.90	15.40	17.80	15.40
NR	n12	PC3	Ant0	25.00	25.00	25.00	23.20	23.90	23.20
NR	n12	PC3	Ant1	24.80	24.70	24.00	24.80	24.80	24.80
NR	n13	PC3	Ant0	25.00	25.00	25.00	22.50	22.50	22.50
NR	n13	PC3	Ant1	24.80	23.70	23.00	23.30	24.80	23.30
NR	n14	PC3	Ant0	25.00	25.00	25.00	22.50	22.70	22.50
NR	n14	PC3	Ant1	24.80	23.80	23.10	23.70	24.80	23.70
NR	n25	PC3	Ant2	25.00	25.00	25.00	19.90	21.30	19.90
NR	n25	PC3	Ant0	24.90	24.90	24.90	15.00	15.70	15.00
NR	n25	PC3	Ant1	25.00	18.60	18.60	20.20	20.90	20.20
NR	n25	PC3	Ant5	24.90	18.50	17.10	18.40	19.80	18.40
NR	n26	PC3	Ant0	25.00	25.00	25.00	21.70	21.70	21.70
NR	n26	PC3	Ant1	24.70	23.90	23.10	24.10	24.70	24.10
NR	n30	PC3	Ant2	24.60	24.60	24.60	18.00	19.40	18.00
NR	n30	PC3	Ant0	24.60	24.60	24.60	15.80	17.20	15.80
NR	n38	PC3	Ant2	25.00	23.80	23.40	17.10	18.70	17.10
NR	n38	PC3	Ant0	24.90	24.90	24.90	16.10	17.80	16.10
NR	n38	PC3	Ant1	25.00	18.50	17.80	17.30	20.30	17.30
NR	n38	PC3	Ant5	24.80	16.30	16.30	16.30	17.90	16.30
NR	n41	PC3	Ant2	25.00	23.80	23.40	17.10	18.70	17.10
NR	n41	PC2	Ant2	26.90	26.80	26.40	20.10	21.70	20.10
NR	n41	PC1.5	Ant2	26.90	26.80	26.40	20.10	21.70	20.10
NR	n41	PC3	Ant0	25.00	25.00	25.00	16.10	17.80	16.10
NR	n41	PC2	Ant0	26.90	26.90	26.90	19.10	20.80	19.10
NR	n41	PC1.5	Ant0	26.90	26.90	26.90	19.10	20.80	19.10
NR	n41	PC3	Ant1	25.00	18.50	17.80	17.30	20.30	17.30
NR	n41	PC2	Ant1	26.90	21.50	20.80	20.30	23.30	20.30
NR	n41	PC1.5	Ant1	26.90	21.50	20.80	20.30	23.30	20.30
NR	n41	PC3	Ant5	24.80	16.30	16.30	16.30	17.90	16.30
NR	n41	PC2	Ant5	26.70	19.30	19.30	19.30	20.90	19.30
NR	n41	PC1.5	Ant5	26.70	19.30	19.30	19.30	20.90	19.30
NR	n48	PC3	Ant6	24.20	24.20	23.90	16.80	19.50	16.80
NR	n48	PC3	Ant7	22.70	22.70	22.70	15.70	17.50	15.70
NR	n48	PC3	Ant1	25.10	17.50	16.80	16.80	20.30	16.80
NR	n48	PC3	Ant5	24.60	18.60	17.20	18.50	19.50	18.50
NR	n66	PC3	Ant2	25.00	25.00	25.00	21.30	21.80	21.30
NR	n66	PC3	Ant0	24.80	24.80	24.80	15.10	16.50	15.10
NR	n66	PC3	Ant1	25.00	21.80	21.10	23.00	24.10	23.00
NR	n66	PC3	Ant5	24.90	18.60	17.30	17.90	19.30	17.90
NR	n70	PC3	Ant2	24.80	24.80	24.80	21.70	23.10	21.70
NR	n70	PC3	Ant0	24.60	24.60	24.60	15.40	17.20	15.40
NR	n70	PC3	Ant1	24.80	21.60	20.90	24.30	24.80	24.30
NR	n70	PC3	Ant5	24.70	19.20	17.60	17.90	19.30	17.90
NR	n71	PC3	Ant0	25.00	25.00	25.00	24.80	24.80	24.80
NR	n71	PC3	Ant1	24.80	24.80	24.40	24.80	24.80	24.80
NR	n77	PC3	Ant6	25.10	24.60	22.00	16.60	17.90	16.60
NR	n77	PC2	Ant6	27.10	27.10	25.00	19.60	20.90	19.60
NR	n77	PC1.5	Ant6	27.10	27.10	25.00	19.60	20.90	19.60
NR	n77	PC3	Ant7	24.80	24.80	24.20	15.30	16.70	15.30
NR	n77	PC2	Ant7	26.80	26.80	26.80	18.30	19.70	18.30
NR	n77	PC1.5	Ant7	26.80	26.80	26.80	18.30	19.70	18.30
NR	n77	PC3	Ant1	25.10	15.60	14.90	14.70	17.30	14.70
NR	n77	PC2	Ant1	27.10	18.60	17.90	17.70	20.30	17.70
NR	n77	PC1.5	Ant1	27.10	18.60	17.90	17.70	20.30	17.70
NR	n77	PC3	Ant5	24.50	16.60	15.70	18.40	19.10	18.40
NR	n77	PC2	Ant5	26.50	19.60	18.70	21.40	22.10	21.40
NR	n77	PC1.5	Ant5	26.50	19.60	18.70	21.40	22.10	21.40
NR	n78	PC3	Ant6	25.10	24.60	22.00	16.60	17.90	16.60
NR	n78	PC2	Ant6	27.10	27.10	25.00	19.60	20.90	19.60
NR	n78	PC1.5	Ant6	27.10	27.10	25.00	19.60	20.90	19.60
NR	n78	PC3	Ant7	24.80	24.80	24.20	15.30	16.70	15.30
NR	n78	PC2	Ant7	26.80	26.80	26.80	18.30	19.70	18.30
NR	n78	PC1.5	Ant7	26.80	26.80	26.80	18.30	19.70	18.30
NR	n78	PC3	Ant1	25.10	15.60	14.90	14.70	17.30	14.70
NR	n78	PC2	Ant1	27.10	18.60	17.90	17.70	20.30	17.70
NR	n78	PC1.5	Ant1	27.10	18.60	17.90	17.70	20.30	17.70
NR	n78	PC3	Ant5	24.30	16.60	15.70	18.40	19.10	18.40
NR	n78	PC2	Ant5	26.30	19.60	18.70	21.40	22.10	21.40
NR	n78	PC1.5	Ant5	26.30	19.60	18.70	21.40	22.10	21.40
NTN	B23	PC3	Ant5	25.00				22.10	
NTN	B255	PC3	Ant5	25.00				19.70	

< WLAN Maximum Power >
General Note:

1. The device implements power management mechanisms to ensure WLAN SAR compliance under various exposure conditions and user scenarios. For each exposure condition, the transmit power index is selected based on the specific user scenario as tested and documented in Sections 14 of this report. Detailed information regarding the proprietary power management logic is provided in the operational description.
2. The designation "4+3(3)" refers to a 2TX transmission configuration in which antennas 4 and 3 are simultaneously active, and the SAR or output power measurement is specifically attributed to antenna 3.
3. The designation "4+3(4)" refers to a 2TX transmission configuration in which antennas 4 and 3 are simultaneously active, and the SAR or output power measurement is specifically attributed to antenna 4.

< 2.4GHz WLAN >

Burst Average Power (dBm)												
2.4GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11b (SISO)	1	2412	23.50	23.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	23.50	23.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	23.00	23.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	12	2467	22.00	21.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	13	2472	19.00	17.50	16.50	16.50	13.00	13.00	18.50	17.50	12.00	12.00
802.11g (SISO)	1	2412	21.00	21.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	23.00	23.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	20.00	20.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	12	2467	17.50	17.50	16.50	16.50	13.00	13.00	17.50	17.50	12.00	12.00
	13	2472	15.00	15.00	15.00	15.00	13.00	13.00	15.00	15.00	12.00	12.00

Burst Average Power (dBm)												
2.4GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11b (MIMO)	1	2412	23.50	23.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	23.50	23.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	22.50	22.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	12	2467	22.50	22.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	13	2472	18.00	18.00	16.50	16.50	13.00	13.00	18.00	18.00	12.00	12.00
802.11g (MIMO)	1	2412	21.00	21.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	23.00	23.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	20.00	20.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	12	2467	17.50	17.50	16.50	16.50	13.00	13.00	17.50	17.50	12.00	12.00
	13	2472	15.00	15.00	15.00	15.00	13.00	13.00	15.00	15.00	12.00	12.00
802.11n HT20 (MIMO)	1	2412	20.50	20.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	22.00	22.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	19.50	19.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	12	2467	17.00	17.00	16.50	16.50	13.00	13.00	17.00	17.00	12.00	12.00
	13	2472	14.50	14.50	14.50	14.50	13.00	13.00	14.50	14.50	12.00	12.00
802.11ac VHT20 (MIMO)	1	2412	20.50	20.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	22.00	22.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	19.50	19.50	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	12	2467	17.00	17.00	16.50	16.50	13.00	13.00	17.00	17.00	12.00	12.00
	13	2472	14.50	14.50	14.50	14.50	13.00	13.00	14.50	14.50	12.00	12.00
802.11ax HE20 (MIMO)	1	2412	20.00	20.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	22.00	22.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	18.00	18.00	16.50	16.50	13.00	13.00	18.00	18.00	12.00	12.00
	12	2467	17.00	17.00	16.50	16.50	13.00	13.00	17.00	17.00	12.00	12.00
	13	2472	14.50	14.50	14.50	14.50	13.00	13.00	14.50	14.50	12.00	12.00
802.11be EHT20 (MIMO)	1	2412	20.00	20.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	6	2437	22.00	22.00	16.50	16.50	13.00	13.00	18.50	18.50	12.00	12.00
	11	2462	18.00	18.00	16.50	16.50	13.00	13.00	18.00	18.00	12.00	12.00
	12	2467	17.00	17.00	16.50	16.50	13.00	13.00	17.00	17.00	12.00	12.00
	13	2472	14.50	14.50	14.50	14.50	13.00	13.00	14.50	14.50	12.00	12.00

< 5GHz WLAN >

5.2GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Burst Average Power (dBm)									
			Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	36	5180	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	40	5200	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	44	5220	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	48	5240	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11n HT20 (MIMO)	36	5180	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	40	5200	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	44	5220	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	48	5240	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11n HT40 (MIMO)	38	5190	17.50	17.50	16.50	16.50	12.00	12.00	17.50	17.50	13.00	13.00
	46	5230	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11ac VHT20 (MIMO)	36	5180	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	40	5200	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	44	5220	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	48	5240	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11ac VHT40 (MIMO)	38	5190	17.50	17.50	16.50	16.50	12.00	12.00	17.50	17.50	13.00	13.00
	46	5230	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11ac VHT80 (MIMO)	42	5210	15.50	15.50	15.50	15.50	12.00	12.00	15.50	15.50	13.00	13.00
802.11ax HE20 (MIMO)	36	5180	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	40	5200	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	44	5220	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	48	5240	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11ax HE40 (MIMO)	38	5190	17.50	17.50	16.50	16.50	12.00	12.00	17.50	17.50	13.00	13.00
	46	5230	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11ax HE80 (MIMO)	42	5210	15.50	15.50	15.50	15.50	12.00	12.00	15.50	15.50	13.00	13.00
802.11be EHT20 (MIMO)	36	5180	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	40	5200	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	44	5220	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
	48	5240	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11be EHT40 (MIMO)	38	5190	17.50	17.50	16.50	16.50	12.00	12.00	17.50	17.50	13.00	13.00
	46	5230	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	13.00	13.00
802.11be EHT80 (MIMO)	42	5210	15.50	15.50	15.50	15.50	12.00	12.00	15.50	15.50	13.00	13.00

5.3GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Burst Average Power (dBm)									
			Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	52	5260	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	56	5280	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	60	5300	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	64	5320	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
802.11n HT20 (MIMO)	52	5260	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	56	5280	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	60	5300	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	64	5320	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
802.11n HT40 (MIMO)	54	5270	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	62	5310	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	14.00	14.00
802.11ac VHT20 (MIMO)	52	5260	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	56	5280	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	60	5300	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	64	5320	19.00	19.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
802.11ac VHT40 (MIMO)	54	5270	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	62	5310	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	14.00	14.00
802.11ac VHT80 (MIMO)	58	5290	16.00	16.00	16.00	16.00	12.00	12.00	16.00	16.00	14.00	14.00
802.11ac VHT160 (MIMO)	50	5250	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	14.00	14.00
802.11ax HE20 (MIMO)	52	5260	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	56	5280	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	60	5300	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	64	5320	18.50	18.50	16.50	16.50	12.00	12.00	18.50	18.50	14.00	14.00
802.11ax HE40 (MIMO)	54	5270	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	62	5310	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	14.00	14.00
802.11ax HE80 (MIMO)	58	5290	16.00	16.00	16.00	16.00	12.00	12.00	16.00	16.00	14.00	14.00
802.11ax HE160 (MIMO)	50	5250	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	14.00	14.00
802.11be EHT20 (MIMO)	52	5260	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	56	5280	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	60	5300	19.50	19.50	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	64	5320	18.50	18.50	16.50	16.50	12.00	12.00	18.50	18.50	14.00	14.00
802.11be EHT40 (MIMO)	54	5270	20.00	20.00	16.50	16.50	12.00	12.00	19.00	19.00	14.00	14.00
	62	5310	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	14.00	14.00
802.11be EHT80 (MIMO)	58	5290	16.00	16.00	16.00	16.00	12.00	12.00	16.00	16.00	14.00	14.00
802.11be EHT160 (MIMO)	50	5250	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	14.00	14.00

5.5GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Burst Average Power (dBm)									
			Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	100	5500	19.00	19.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	104	5520	19.00	19.00								
	116	5580	19.00	19.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	124	5620	19.00	19.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	132	5660	19.00	19.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	136	5680	19.00	19.00								
	140	5700	19.00	19.00								
802.11n HT20 (MIMO)	144	5720	19.00	19.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	100	5500	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	104	5520	19.50	19.50								
	116	5580	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	124	5620	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	132	5660	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	136	5680	19.50	19.50								
802.11n HT40 (MIMO)	140	5700	19.50	19.50								
	144	5720	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	102	5510	17.50	17.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	110	5550	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	126	5630	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	134	5670	18.50	18.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	142	5710	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
802.11ac VHT20 (MIMO)	100	5500	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	104	5520	19.50	19.50								
	116	5580	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	124	5620	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	132	5660	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	136	5680	19.50	19.50								
	140	5700	19.50	19.50								
802.11ac VHT40 (MIMO)	144	5720	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	102	5510	17.50	17.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	110	5550	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	126	5630	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	134	5670	18.50	18.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	142	5710	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	106	5530	15.00	15.00	15.00	15.00	11.00	11.00	15.00	15.00	12.00	12.00
802.11ac VHT80 (MIMO)	122	5610	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	138	5690	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
802.11ac VHT160 (MIMO)	114	5570	13.00	13.00	13.00	13.00	11.00	11.00	13.00	13.00	12.00	12.00
802.11ax HE20 (MIMO)	100	5500	19.00	19.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	104	5520	19.50	19.50								
	116	5580	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	124	5620	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	132	5660	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	136	5680	18.50	18.50								
	140	5700	17.50	17.50								
802.11ax HE40 (MIMO)	144	5720	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	102	5510	15.50	15.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	110	5550	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	126	5630	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	134	5670	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	142	5710	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	106	5530	15.00	15.00	15.00	15.00	11.00	11.00	15.00	15.00	12.00	12.00
802.11ax HE80 (MIMO)	122	5610	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	138	5690	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
802.11ax HE160 (MIMO)	114	5570	13.00	13.00	13.00	13.00	11.00	11.00	13.00	13.00	12.00	12.00
802.11be EHT20 (MIMO)	100	5500	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	104	5520	19.50	19.50								
	116	5580	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	124	5620	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	132	5660	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	136	5680	18.50	18.50								
	140	5700	17.50	17.50								
802.11be EHT40 (MIMO)	144	5720	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	102	5510	15.50	15.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	110	5550	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
802.11be EHT80 (MIMO)	126	5630	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00

	134	5670	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	142	5710	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
802.11be EHT80 (MIMO)	106	5530	15.00	15.00	15.00	15.00	11.00	11.00	15.00	15.00	12.00	12.00
	122	5610	19.50	19.50	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
	138	5690	20.00	20.00	15.50	15.50	11.00	11.00	15.50	15.50	12.00	12.00
802.11be EHT160 (MIMO)	114	5570	13.00	13.00	13.00	13.00	11.00	11.00	13.00	13.00	12.00	12.00

Burst Average Power (dBm)												
5.8GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	149	5745	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	157	5785	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	165	5825	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11n HT20 (MIMO)	149	5745	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	157	5785	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	165	5825	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11n HT40 (MIMO)	151	5755	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	159	5795	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11ac VHT20 (MIMO)	149	5745	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	157	5785	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	165	5825	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11ac VHT40 (MIMO)	151	5755	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	159	5795	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11ac VHT80 (MIMO)	155	5775	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11ax HE20 (MIMO)	149	5745	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	157	5785	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	165	5825	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11ax HE40 (MIMO)	151	5755	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	159	5795	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11ax HE80 (MIMO)	155	5775	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11be EHT20 (MIMO)	149	5745	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	157	5785	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	165	5825	21.00	21.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11be EHT40 (MIMO)	151	5755	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
	159	5795	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00
802.11be EHT80 (MIMO)	155	5775	20.00	20.00	14.50	14.50	10.50	10.50	17.50	17.50	11.00	11.00

5.9GHz Mode (CDD/SDM)	Channel	Frequency (MHz)	Burst Average Power (dBm)									
			Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	169	5845	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	173	5865	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	177	5885	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11n HT20 (MIMO)	169	5845	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	173	5865	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	177	5885	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11n HT40 (MIMO)	167	5835	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	175	5875	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ac VHT20 (MIMO)	169	5845	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	173	5865	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	177	5885	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ac VHT40 (MIMO)	167	5835	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	175	5875	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ac VHT80 (MIMO)	171	5855	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ac VHT160 (MIMO)	163	5815	18.50	18.50	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ax HE20 (MIMO)	169	5845	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	173	5865	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	177	5885	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ax HE40 (MIMO)	167	5835	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	175	5875	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ax HE80 (MIMO)	171	5855	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11ax HE160 (MIMO)	163	5815	18.50	18.50	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11be EHT20 (MIMO)	169	5845	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	173	5865	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	177	5885	21.00	21.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11be EHT40 (MIMO)	167	5835	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
	175	5875	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11be EHT80 (MIMO)	171	5855	20.00	20.00	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00
802.11be EHT160 (MIMO)	163	5815	18.50	18.50	15.00	15.00	10.50	10.50	15.00	15.00	12.00	12.00

< 6GHz WLAN >
Standard Power (SP)

Maximum Transmit Burst Average Power (dBm)					
6GHz Mode (SDM/CDD)	Band	Channel	Frequency (MHz)	Maximum power	
				Ant 3	Ant 4
802.11a (MIMO)	UNII 5	1	5955	21.00	21.00
	UNII 5	49	6195	21.00	21.00
	UNII 5	93	6415	21.00	21.00
	UNII 7	117	6535	21.00	21.00
	UNII 7	149	6695	21.00	21.00
	UNII 7	181	6855	21.00	21.00
802.11ax-HE20 (MIMO)	UNII 5	1	5955	21.00	21.00
	UNII 5	49	6195	21.00	21.00
	UNII 5	93	6415	21.00	21.00
	UNII 7	117	6535	21.00	21.00
	UNII 7	149	6695	21.00	21.00
	UNII 7	181	6855	21.00	21.00
802.11ax-HE40 (MIMO)	UNII 5	3	5965	20.00	20.00
	UNII 5	51	6205	20.00	20.00
	UNII 5	91	6405	20.00	20.00
	UNII 7	123	6565	20.00	20.00
	UNII 7	147	6685	20.00	20.00
	UNII 7	179	6845	20.00	20.00
802.11ax-HE80 (MIMO)	UNII 5	7	5985	20.00	20.00
	UNII 5	55	6225	20.00	20.00
	UNII 5	87	6385	20.00	20.00
	UNII 7	135	6625	20.00	20.00
	UNII 7	151	6705	20.00	20.00
	UNII 7	167	6785	20.00	20.00
802.11ax-HE160 (MIMO)	UNII 5	15	6025	20.00	20.00
	UNII 5	47	6185	20.00	20.00
	UNII 5	79	6345	20.00	20.00
	UNII 7	143	6665	17.00	17.00
802.11be-EHT20 (MIMO)	UNII 5	1	5955	21.00	21.00
	UNII 5	49	6195	21.00	21.00
	UNII 5	93	6415	21.00	21.00
	UNII 7	117	6535	21.00	21.00
	UNII 7	149	6695	21.00	21.00
	UNII 7	181	6855	21.00	21.00
802.11be-EHT40 (MIMO)	UNII 5	3	5965	20.00	20.00
	UNII 5	51	6205	20.00	20.00
	UNII 5	91	6405	20.00	20.00
	UNII 7	123	6565	20.00	20.00
	UNII 7	147	6685	20.00	20.00
	UNII 7	179	6845	20.00	20.00
802.11be-EHT80 (MIMO)	UNII 5	7	5985	20.00	20.00
	UNII 5	55	6225	20.00	20.00
	UNII 5	87	6385	20.00	20.00
	UNII 7	135	6625	20.00	20.00
	UNII 7	151	6705	20.00	20.00
	UNII 7	167	6785	20.00	20.00
802.11be-EHT160 (MIMO)	UNII 5	15	6025	20.00	20.00
	UNII 5	47	6185	20.00	20.00
	UNII 5	79	6345	20.00	20.00
	UNII 7	143	6665	17.00	17.00

6GHz Mode (CDD/SDM)	Band	Channel	Frequency (MHz)	Burst Average Power (dBm)									
				Maximum power		Index 1		Index 2		Index 3		Index 4	
				Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	UNII 5	1	5955	21.00	21.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	57	6235	21.00	21.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	173	6815	21.00	21.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11ax HE20 (MIMO)	UNII 5	1	5955	21.00	21.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	57	6235	21.00	21.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	173	6815	21.00	21.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11ax HE40 (MIMO)	UNII 5	3	5965	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	59	6245	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	171	6805	20.00	20.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11ax HE80 (MIMO)	UNII 5	7	5985	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	71	6305	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	167	6785	20.00	20.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11ax HE160 (MIMO)	UNII 5	15	6025	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	47	6185	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	143	6665	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	16.50	16.50
802.11be EHT20 (MIMO)	UNII 5	1	5955	21.00	21.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	57	6235	21.00	21.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	173	6815	21.00	21.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11be EHT40 (MIMO)	UNII 5	3	5965	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	59	6245	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	171	6805	20.00	20.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11be EHT80 (MIMO)	UNII 5	7	5985	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	71	6305	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	167	6785	20.00	20.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11be EHT160 (MIMO)	UNII 5	15	6025	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	47	6185	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 7	143	6665	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	16.50	16.50

Low Power Indoor (LPI)

Maximum Transmit Burst Average Power (dBm)							
6GHz Mode (SDM/CDD)	Band	Channel	Frequency (MHz)	SDM		CDD	
				Maximum power		Maximum power	
				Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	UNII 5	1	5955	13.50	13.50	11.00	11.00
	UNII 5	49	6195	13.50	13.50	11.00	11.00
	UNII 5	93	6415	13.50	13.50	11.00	11.00
	UNII 6	97	6435	15.00	15.00	12.00	12.00
	UNII 6	105	6475	15.00	15.00	12.00	12.00
	UNII 6	113	6515	15.00	15.00	12.00	12.00
	UNII 7	117	6535	15.50	15.50	12.50	12.50
	UNII 7	149	6695	15.50	15.50	12.50	12.50
	UNII 7	181	6855	15.50	15.50	12.50	12.50
	UNII 7	185	6875	15.50	15.50	12.50	12.50
802.11ax-HE20 (MIMO)	UNII 8	189	6895	17.50	17.50	14.00	14.00
	UNII 8	209	6995	17.00	17.00	14.00	14.00
	UNII 8	229	7095	17.00	17.00	14.00	14.00
	UNII 5	1	5955	14.00	14.00	11.50	11.50
	UNII 5	49	6195	14.00	14.00	11.50	11.50
	UNII 5	93	6415	14.00	14.00	11.50	11.50
	UNII 6	97	6435	15.50	15.50	12.50	12.50
	UNII 6	105	6475	15.50	15.50	12.50	12.50
	UNII 6	113	6515	15.50	15.50	12.50	12.50
	UNII 7	117	6535	16.00	16.00	13.00	13.00
802.11ax-HE40 (MIMO)	UNII 7	149	6695	16.00	16.00	13.00	13.00
	UNII 7	181	6855	16.00	16.00	13.00	13.00
	UNII 7	185	6875	16.00	16.00	13.00	13.00
	UNII 8	189	6895	18.00	18.00	14.50	14.50
	UNII 8	209	6995	17.50	17.50	14.50	14.50
	UNII 8	229	7095	17.50	17.50	14.50	14.50
	UNII 5	3	5965	17.00	17.00	14.50	14.50
	UNII 5	51	6205	17.00	17.00	14.50	14.50
	UNII 5	91	6405	17.00	17.00	14.50	14.50
	UNII 6	99	6445	18.50	18.50	15.50	15.50
802.11ax-HE80 (MIMO)	UNII 6	107	6485	18.50	18.50	15.50	15.50
	UNII 6	115	6525	18.50	18.50	15.50	15.50
	UNII 7	123	6565	18.50	18.50	16.00	16.00
	UNII 7	147	6685	18.50	18.50	16.00	16.00
	UNII 7	179	6845	19.00	19.00	16.00	16.00
	UNII 7	187	6885	19.00	19.00	16.00	16.00
	UNII 8	195	6925	20.00	20.00	18.00	18.00
	UNII 8	211	7005	20.00	20.00	18.00	18.00
	UNII 8	227	7085	20.00	20.00	18.00	18.00
	UNII 5	7	5985	20.00	20.00	17.50	17.50
802.11ax-HE160 (MIMO)	UNII 5	55	6225	20.00	20.00	17.50	17.50
	UNII 5	87	6385	20.00	20.00	17.50	17.50
	UNII 6	103	6465	20.00	20.00	18.50	18.50
	UNII 6	119	6545	20.00	20.00	18.50	18.50
	UNII 7	135	6625	20.00	20.00	19.00	19.00
	UNII 7	151	6705	20.00	20.00	19.00	19.00
	UNII 7	167	6785	20.00	20.00	19.00	19.00
	UNII 7	183	6865	20.00	20.00	19.00	19.00
	UNII 8	199	6945	20.00	20.00	19.50	19.50
	UNII 8	215	7025	20.00	20.00	19.50	19.50
802.11be-EHT20 (MIMO)	UNII 5	15	6025	20.00	20.00	20.00	20.00
	UNII 5	47	6185	20.00	20.00	20.00	20.00
	UNII 5	79	6345	20.00	20.00	20.00	20.00
	UNII 6	111	6505	18.00	18.00	18.00	18.00
	UNII 7	143	6665	17.00	17.00	17.00	17.00
	UNII 7	175	6825	19.00	19.00	19.00	19.00
802.11be-EHT20 (MIMO)	UNII 8	207	6985	18.00	18.00	18.00	18.00
	UNII 5	1	5955	14.00	14.00	11.50	11.50
	UNII 5	49	6195	14.00	14.00	11.50	11.50
	UNII 5	93	6415	14.00	14.00	11.50	11.50
	UNII 6	97	6435	15.50	15.50	12.50	12.50
	UNII 6	105	6475	15.50	15.50	12.50	12.50
	UNII 6	113	6515	15.50	15.50	12.50	12.50
	UNII 7	117	6535	16.00	16.00	13.00	13.00
802.11be-EHT20 (MIMO)	UNII 7	149	6695	16.00	16.00	13.00	13.00
	UNII 7	181	6855	16.00	16.00	13.00	13.00
	UNII 7	185	6875	16.00	16.00	13.00	13.00

	UNII 8	189	6895	18.00	18.00	14.50	14.50
	UNII 8	209	6995	17.50	17.50	14.50	14.50
	UNII 8	229	7095	17.50	17.50	14.50	14.50
802.11be-EHT40 (MIMO)	UNII 5	3	5965	17.00	17.00	14.50	14.50
	UNII 5	51	6205	17.00	17.00	14.50	14.50
	UNII 5	91	6405	17.00	17.00	14.50	14.50
	UNII 6	99	6445	18.50	18.50	15.50	15.50
	UNII 6	107	6485	18.50	18.50	15.50	15.50
	UNII 6	115	6525	18.50	18.50	15.50	15.50
	UNII 7	123	6565	18.50	18.50	16.00	16.00
	UNII 7	147	6685	18.50	18.50	16.00	16.00
	UNII 7	179	6845	19.00	19.00	16.00	16.00
	UNII 7	187	6885	19.00	19.00	16.00	16.00
	UNII 8	195	6925	20.00	20.00	18.00	18.00
	UNII 8	211	7005	20.00	20.00	18.00	18.00
	UNII 8	227	7085	20.00	20.00	18.00	18.00
802.11be-EHT80 (MIMO)	UNII 5	7	5985	20.00	20.00	17.50	17.50
	UNII 5	55	6225	20.00	20.00	17.50	17.50
	UNII 5	87	6385	20.00	20.00	17.50	17.50
	UNII 6	103	6465	20.00	20.00	18.50	18.50
	UNII 6	119	6545	20.00	20.00	18.50	18.50
	UNII 7	135	6625	20.00	20.00	19.00	19.00
	UNII 7	151	6705	20.00	20.00	19.00	19.00
	UNII 7	167	6785	20.00	20.00	19.00	19.00
	UNII 7	183	6865	20.00	20.00	19.00	19.00
	UNII 8	199	6945	20.00	20.00	19.50	19.50
802.11be-EHT160 (MIMO)	UNII 8	215	7025	20.00	20.00	19.50	19.50
	UNII 5	15	6025	20.00	20.00	20.00	20.00
	UNII 5	47	6185	20.00	20.00	20.00	20.00
	UNII 5	79	6345	20.00	20.00	20.00	20.00
	UNII 6	111	6505	18.00	18.00	18.00	18.00
	UNII 7	143	6665	17.00	17.00	17.00	17.00
	UNII 7	175	6825	19.00	19.00	19.00	19.00
	UNII 8	207	6985	18.00	18.00	18.00	18.00

6GHz Mode (CDD/SDM)	Band	Channel	Frequency (MHz)	Burst Average Power (dBm)									
				Maximum power		Index 1		Index 2		Index 3		Index 4	
				Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	UNII 5	1	5955	13.50	13.50	13.50	13.50	12.00	12.00	13.50	13.50	12.50	12.50
	UNII 5	57	6235	13.50	13.50	13.50	13.50	12.00	12.00	13.50	13.50	12.50	12.50
	UNII 6	113	6515	15.00	15.00	15.00	15.00	10.50	10.50	15.00	15.00	11.50	11.50
802.11ax HE20 (MIMO)	UNII 7	173	6815	15.50	15.50	15.50	15.50	12.00	12.00	15.50	15.50	15.50	15.50
	UNII 5	1	5955	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	12.50	12.50
	UNII 5	57	6235	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	12.50	12.50
802.11ax HE40 (MIMO)	UNII 6	113	6515	15.50	15.50	15.00	15.00	10.50	10.50	15.50	15.50	11.50	11.50
	UNII 7	173	6815	16.00	16.00	16.00	16.00	12.00	12.00	16.00	16.00	16.00	16.00
	UNII 5	3	5965	17.00	17.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
802.11ax HE80 (MIMO)	UNII 5	59	6245	17.00	17.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 6	107	6485	18.50	18.50	15.00	15.00	10.50	10.50	17.50	17.50	11.50	11.50
	UNII 7	171	6805	19.00	19.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11ax HE160 (MIMO)	UNII 8	227	7085	20.00	20.00	16.50	16.50	11.50	11.50	20.00	20.00	14.50	14.50
	UNII 5	7	5985	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	71	6305	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
802.11be EHT20 (MIMO)	UNII 6	119	6545	20.00	20.00	15.00	15.00	10.50	10.50	17.50	17.50	11.50	11.50
	UNII 7	167	6785	20.00	20.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
	UNII 8	215	7025	20.00	20.00	16.50	16.50	11.50	11.50	20.00	20.00	14.50	14.50
802.11be EHT40 (MIMO)	UNII 5	15	6025	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	47	6185	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 6	111	6505	18.00	18.00	15.00	15.00	10.50	10.50	17.50	17.50	11.50	11.50
802.11be EHT80 (MIMO)	UNII 7	143	6665	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	16.50	16.50
	UNII 8	207	6985	18.00	18.00	16.50	16.50	11.50	11.50	18.00	18.00	14.50	14.50
	UNII 5	1	5955	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	12.50	12.50
802.11be EHT160 (MIMO)	UNII 5	57	6235	14.00	14.00	14.00	14.00	12.00	12.00	14.00	14.00	12.50	12.50
	UNII 6	113	6515	15.50	15.50	15.00	15.00	10.50	10.50	15.50	15.50	11.50	11.50
	UNII 7	173	6815	16.00	16.00	16.00	16.00	12.00	12.00	16.00	16.00	16.00	16.00
802.11be EHT20 (MIMO)	UNII 5	3	5965	17.00	17.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	59	6245	17.00	17.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 6	107	6485	18.50	18.50	15.00	15.00	10.50	10.50	17.50	17.50	11.50	11.50
802.11be EHT40 (MIMO)	UNII 7	171	6805	19.00	19.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
	UNII 8	227	7085	20.00	20.00	16.50	16.50	11.50	11.50	20.00	20.00	14.50	14.50
	UNII 5	7	5985	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
802.11be EHT80 (MIMO)	UNII 5	71	6305	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 6	119	6545	20.00	20.00	15.00	15.00	10.50	10.50	17.50	17.50	11.50	11.50
	UNII 7	167	6785	20.00	20.00	16.50	16.50	12.00	12.00	18.00	18.00	16.50	16.50
802.11be EHT160 (MIMO)	UNII 8	215	7025	20.00	20.00	16.50	16.50	11.50	11.50	20.00	20.00	14.50	14.50
	UNII 5	15	6025	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
	UNII 5	47	6185	20.00	20.00	15.00	15.00	12.00	12.00	14.50	14.50	12.50	12.50
802.11be EHT20 (MIMO)	UNII 6	111	6505	18.00	18.00	15.00	15.00	10.50	10.50	17.50	17.50	11.50	11.50
	UNII 7	143	6665	17.00	17.00	16.50	16.50	12.00	12.00	17.00	17.00	16.50	16.50
	UNII 8	207	6985	18.00	18.00	16.50	16.50	11.50	11.50	18.00	18.00	14.50	14.50

Very Low Power (VLP)

Maximum Transmit Burst Average Power (dBm)							
6GHz Mode (CDD/SDM)	Band	Channel	Frequency (MHz)	SDM		CDD	
				Maximum power		Maximum power	
				Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	UNII 5	1	5955	9.00	9.00	6.00	6.00
	UNII 5	49	6195	9.00	9.00	6.00	6.00
	UNII 5	93	6415	9.00	9.00	6.00	6.00
	UNII 6	97	6435	9.00	9.00	7.50	7.50
	UNII 6	105	6475	11.00	11.00	7.50	7.50
	UNII 6	113	6515	11.00	11.00	7.50	7.50
	UNII 7	117	6535	11.00	11.00	8.00	8.00
	UNII 7	149	6695	11.00	11.00	8.00	8.00
	UNII 7	181	6855	10.00	10.00	8.00	8.00
	UNII 7	185	6875	10.00	10.00	8.00	8.00
802.11ax-HE20 (MIMO)	UNII 8	189	6895	13.00	13.00	9.00	9.00
	UNII 8	209	6995	12.50	12.50	8.50	8.50
	UNII 8	229	7095	12.50	12.50	8.50	8.50
	UNII 5	1	5955	8.00	8.00	6.50	6.50
	UNII 5	49	6195	8.00	8.00	6.50	6.50
	UNII 5	93	6415	9.00	9.00	6.50	6.50
	UNII 6	97	6435	11.50	11.50	8.00	8.00
	UNII 6	105	6475	11.50	11.50	8.00	8.00
	UNII 6	113	6515	11.50	11.50	8.00	8.00
	UNII 7	117	6535	11.50	11.50	8.50	8.50
802.11ax-HE40 (MIMO)	UNII 7	149	6695	11.50	11.50	8.50	8.50
	UNII 7	181	6855	9.50	9.50	8.50	8.50
	UNII 7	185	6875	9.50	9.50	8.50	8.50
	UNII 8	189	6895	13.50	13.50	9.50	9.50
	UNII 8	209	6995	13.00	13.00	9.00	9.00
	UNII 8	229	7095	13.00	13.00	9.00	9.00
	UNII 5	3	5965	13.00	13.00	10.00	10.00
	UNII 5	51	6205	13.00	13.00	10.00	10.00
	UNII 5	91	6405	13.00	13.00	9.00	9.00
	UNII 6	99	6445	14.50	14.50	11.50	11.50
802.11ax-HE80 (MIMO)	UNII 6	107	6485	14.50	14.50	11.50	11.50
	UNII 6	115	6525	14.50	14.50	11.50	11.50
	UNII 7	123	6565	14.50	14.50	12.00	12.00
	UNII 7	147	6685	14.50	14.50	12.00	12.00
	UNII 7	179	6845	14.50	14.50	12.00	12.00
	UNII 7	187	6885	14.50	14.50	12.00	12.00
	UNII 8	195	6925	16.50	16.50	13.50	13.50
	UNII 8	211	7005	16.50	16.50	13.50	13.50
	UNII 8	227	7085	16.50	16.50	13.50	13.50
	UNII 5	7	5985	15.50	15.50	13.00	13.00
802.11ax-HE160 (MIMO)	UNII 5	55	6225	15.50	15.50	13.00	13.00
	UNII 5	87	6385	15.50	15.50	13.00	13.00
	UNII 6	103	6465	17.50	17.50	14.00	14.00
	UNII 6	119	6545	17.50	17.50	14.00	14.00
	UNII 7	135	6625	17.50	17.50	15.00	15.00
	UNII 7	151	6705	17.50	17.50	15.00	15.00
	UNII 7	167	6785	17.50	17.50	15.00	15.00
	UNII 7	183	6865	17.50	17.50	15.00	15.00
	UNII 8	199	6945	19.00	19.00	16.50	16.50
	UNII 8	215	7025	19.00	19.00	16.50	16.50
802.11be-EHT20 (MIMO)	UNII 5	15	6025	18.50	18.50	16.00	16.00
	UNII 5	47	6185	18.50	18.50	16.00	16.00
	UNII 5	79	6345	18.00	18.00	16.50	16.50
	UNII 6	111	6505	18.00	18.00	17.50	17.50
	UNII 7	143	6665	17.00	17.00	17.00	17.00
	UNII 7	175	6825	19.00	19.00	18.00	18.00
802.11be-EHT20 (MIMO)	UNII 8	207	6985	18.00	18.00	18.00	18.00
	UNII 5	1	5955	8.00	8.00	6.50	6.50
	UNII 5	49	6195	8.00	8.00	6.50	6.50
	UNII 5	93	6415	9.00	9.00	6.50	6.50
	UNII 6	97	6435	11.50	11.50	8.00	8.00
	UNII 6	105	6475	11.50	11.50	8.00	8.00
	UNII 6	113	6515	11.50	11.50	8.00	8.00
802.11be-EHT20 (MIMO)	UNII 7	117	6535	11.50	11.50	8.50	8.50
	UNII 7	149	6695	11.50	11.50	8.50	8.50
	UNII 7	181	6855	9.50	9.50	8.50	8.50
	UNII 7	185	6875	9.50	9.50	8.50	8.50

	UNII 8	189	6895	13.50	13.50	9.50	9.50
	UNII 8	209	6995	13.00	13.00	9.00	9.00
	UNII 8	229	7095	13.00	13.00	9.00	9.00
802.11be-EHT40 (MIMO)	UNII 5	3	5965	13.00	13.00	10.00	10.00
	UNII 5	51	6205	13.00	13.00	10.00	10.00
	UNII 5	91	6405	13.00	13.00	9.00	9.00
	UNII 6	99	6445	14.50	14.50	11.50	11.50
	UNII 6	107	6485	14.50	14.50	11.50	11.50
	UNII 6	115	6525	14.50	14.50	11.50	11.50
	UNII 7	123	6565	14.50	14.50	12.00	12.00
	UNII 7	147	6685	14.50	14.50	12.00	12.00
	UNII 7	179	6845	14.50	14.50	12.00	12.00
	UNII 7	187	6885	14.50	14.50	12.00	12.00
	UNII 8	195	6925	16.50	16.50	13.50	13.50
	UNII 8	211	7005	16.50	16.50	13.50	13.50
	UNII 8	227	7085	16.50	16.50	13.50	13.50
802.11be-EHT80 (MIMO)	UNII 5	7	5985	15.50	15.50	13.00	13.00
	UNII 5	55	6225	15.50	15.50	13.00	13.00
	UNII 5	87	6385	15.50	15.50	13.00	13.00
	UNII 6	103	6465	17.50	17.50	14.00	14.00
	UNII 6	119	6545	17.50	17.50	14.00	14.00
	UNII 7	135	6625	17.50	17.50	15.00	15.00
	UNII 7	151	6705	17.50	17.50	15.00	15.00
	UNII 7	167	6785	17.50	17.50	15.00	15.00
	UNII 7	183	6865	17.50	17.50	15.00	15.00
	UNII 8	199	6945	19.00	19.00	16.50	16.50
802.11be-EHT160 (MIMO)	UNII 8	215	7025	19.00	19.00	16.50	16.50
	UNII 5	15	6025	18.50	18.50	16.00	16.00
	UNII 5	47	6185	18.50	18.50	16.00	16.00
	UNII 5	79	6345	18.00	18.00	16.50	16.50
	UNII 6	111	6505	18.00	18.00	17.50	17.50
	UNII 7	143	6665	17.00	17.00	17.00	17.00
	UNII 7	175	6825	19.00	19.00	18.00	18.00
	UNII 8	207	6985	18.00	18.00	18.00	18.00

Burst Average Power (dBm)							
6GHz Mode (CDD/SDM)	Band	Channel	Frequency (MHz)	Maximum power		Index 4	
				Ant 3	Ant 4	Ant 3	Ant 4
802.11a (MIMO)	UNII 5	1	5955	9.00	9.00	9.00	9.00
	UNII 5	57	6235	8.50	8.50	8.50	8.50
	UNII 6	113	6515	11.00	11.00	11.00	11.00
	UNII 7	173	6815	8.50	8.50	8.50	8.50
802.11ax HE20 (MIMO)	UNII 5	1	5955	8.00	8.00	8.00	8.00
	UNII 5	57	6235	8.00	8.00	8.00	8.00
	UNII 6	113	6515	11.50	11.50	11.50	11.50
	UNII 7	173	6815	8.50	8.50	8.50	8.50
802.11ax HE40 (MIMO)	UNII 5	3	5965	13.00	13.00	12.50	12.50
	UNII 5	59	6245	13.00	13.00	12.50	12.50
	UNII 6	107	6485	14.50	14.50	11.50	11.50
	UNII 7	171	6805	14.50	14.50	14.50	14.50
802.11ax HE80 (MIMO)	UNII 8	227	7085	16.50	16.50	14.50	14.50
	UNII 5	7	5985	15.50	15.50	12.50	12.50
	UNII 5	71	6305	15.50	15.50	12.50	12.50
	UNII 6	119	6545	17.50	17.50	11.50	11.50
802.11ax HE160 (MIMO)	UNII 7	167	6785	17.50	17.50	16.50	16.50
	UNII 8	215	7025	19.00	19.00	14.50	14.50
	UNII 5	15	6025	18.50	18.50	12.50	12.50
	UNII 5	47	6185	18.50	18.50	12.50	12.50
802.11be EHT20 (MIMO)	UNII 6	111	6505	18.00	18.00	11.50	11.50
	UNII 7	143	6665	17.00	17.00	16.50	16.50
	UNII 8	207	6985	18.00	18.00	14.50	14.50
	UNII 5	1	5955	8.00	8.00	8.00	8.00
802.11be EHT40 (MIMO)	UNII 5	57	6235	8.00	8.00	8.00	8.00
	UNII 6	113	6515	11.50	11.50	11.50	11.50
	UNII 7	173	6815	9.50	9.50	9.50	9.50
	UNII 5	3	5965	13.00	13.00	12.50	12.50
802.11be EHT80 (MIMO)	UNII 5	59	6245	13.00	13.00	12.50	12.50
	UNII 6	107	6485	14.50	14.50	11.50	11.50
	UNII 7	171	6805	14.50	14.50	14.50	14.50
	UNII 8	227	7085	16.50	16.50	14.50	14.50
802.11be EHT160 (MIMO)	UNII 5	7	5985	15.50	15.50	12.50	12.50
	UNII 5	71	6305	15.50	15.50	12.50	12.50
	UNII 6	119	6545	17.50	17.50	11.50	11.50
	UNII 7	167	6785	17.50	17.50	16.50	16.50
802.11be EHT160 (MIMO)	UNII 8	215	7025	19.00	19.00	14.50	14.50
	UNII 5	15	6025	18.50	18.50	12.50	12.50
	UNII 5	47	6185	18.50	18.50	12.50	12.50
	UNII 6	111	6505	18.00	18.00	11.50	11.50
802.11be EHT160 (MIMO)	UNII 7	143	6665	17.00	17.00	16.50	16.50
	UNII 8	207	6985	18.00	18.00	14.50	14.50

<Bluetooth/Thread/UWB Maximum Power>
General Note:

- The device implements the power management for Bluetooth/Thread SAR compliance for different exposure conditions and user cases. In each exposure condition, the power index selection is determined by the user cases as tested in Section 14 of this report. Full details about the proprietary power management decision are illustrated in the operational description.

Burst Average Power (dBm)												
Bluetooth Mode	Channel	Frequency (MHz)	Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
BR / EDR 1Mbps (SISO)	0	2402	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
	39	2441	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
	78	2480	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
BR / EDR 2Mbps (SISO)	0	2402	19.00	19.00	15.00	14.00	19.00	19.00	14.50	19.00	13.00	15.50
	39	2441	19.00	19.00	15.00	14.00	19.00	19.00	14.50	19.00	13.00	15.50
	78	2480	19.00	19.00	15.00	14.00	19.00	19.00	14.50	19.00	13.00	15.50
BR / EDR 3Mbps (SISO)	0	2402	19.00	19.00	15.00	14.00	19.00	19.00	14.50	19.00	13.00	15.50
	39	2441	19.00	19.00	15.00	14.00	19.00	19.00	14.50	19.00	13.00	15.50
	78	2480	19.00	19.00	15.00	14.00	19.00	19.00	14.50	19.00	13.00	15.50
LE 1Mbps (SISO)	0	2402	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
	19	2440	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
	39	2480	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
LE 2Mbps (SISO)	1	2404	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
	19	2440	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
	38	2478	21.00	21.00	15.00	14.00	21.00	21.00	14.50	19.50	13.00	15.50
BLE CS GFSK 1Mbps (SISO)	2	2404	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	38	2440	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	76	2478	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
BLE CS GFSK 2Mbps (SISO)	2	2404	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	38	2440	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	76	2478	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
BLE CS ASK 1Mbps (SISO)	2	2404	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	38	2440	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	76	2478	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
BLE CS ASK 2Mbps (SISO)	2	2404	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	38	2440	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50
	76	2478	20.00	20.00	15.00	14.00	20.00	20.00	14.50	19.50	13.00	15.50

Burst Average Power (dBm)												
Bluetooth Mode	Channel	Frequency (MHz)	Maximum power		Index 1		Index 2		Index 3		Index 4	
			Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
BR / EDR 1Mbps (MIMO)	0	2402	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
	39	2441	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
	78	2480	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
BR / EDR 2Mbps (MIMO)	0	2402	19.00	19.00	13.00	13.00	19.00	19.00	14.50	14.50	13.00	13.00
	39	2441	19.00	19.00	13.00	13.00	19.00	19.00	14.50	14.50	13.00	13.00
	78	2480	19.00	19.00	13.00	13.00	19.00	19.00	14.50	14.50	13.00	13.00
BR / EDR 3Mbps (MIMO)	0	2402	19.00	19.00	13.00	13.00	19.00	19.00	14.50	14.50	13.00	13.00
	39	2441	19.00	19.00	13.00	13.00	19.00	19.00	14.50	14.50	13.00	13.00
	78	2480	19.00	19.00	13.00	13.00	19.00	19.00	14.50	14.50	13.00	13.00
LE 1Mbps (MIMO)	0	2402	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
	19	2440	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
	39	2480	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
LE 2Mbps (MIMO)	1	2404	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
	19	2440	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00
	38	2478	21.00	21.00	13.00	13.00	21.00	21.00	14.50	14.50	13.00	13.00

Burst Average Power (dBm)							
Thread Mode	Channel	Frequency (MHz)	Maximum power	Index 1	Index 2	Index 3	Index 4
			Ant 3	Ant 3	Ant 3	Ant 3	Ant 3
250K (SISO)	11	2405	22.00	14.00	21.00	14.50	13.00
	18	2440	22.00	14.00	21.00	14.50	13.00
	25	2475	22.00	14.00	21.00	14.50	13.00
	26	2480	22.00	14.00	21.00	14.50	13.00

Maximum Tune up Power (dBm)				
UWB	Ant 5 (CH05)	Patch Antenna (CH09)	Ant 5 (CH09)	Ant 3L (CH09)
	-13.36	-17.02	-13.49	-15.4

2.3 General LTE SAR Test and Reporting Considerations

Summarized necessary items addressed in KDB 941225 D05 v02r05																																																																													
FCC ID	A4RG7SWN																																																																												
Equipment Name	Phone																																																																												
Operating Frequency Range of each LTE transmission band	LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz																																																																												
Channel Bandwidth	LTE Band 2:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 4:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 5:1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 12:1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 13: 5MHz, 10MHz LTE Band 14: 5MHz, 10MHz LTE Band 17: 5MHz, 10MHz LTE Band 25:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 26:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz LTE Band 30: 5MHz, 10MHz LTE Band 38: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 48: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 66: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 71: 5MHz, 10MHz, 15MHz, 20MHz																																																																												
uplink modulations used	QPSK / 16QAM / 64QAM / 256QAM																																																																												
LTE Voice / Data requirements	Voice and Data																																																																												
LTE MPR permanently built-in by design	<table><tr><th colspan="8">Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3</th></tr><tr><th rowspan="2">Modulation</th><th colspan="6">Channel bandwidth / Transmission bandwidth (N_{RB})</th><th rowspan="2">MPR (dB)</th></tr><tr><th>1.4 MHz</th><th>3.0 MHz</th><th>5 MHz</th><th>10 MHz</th><th>15 MHz</th><th>20 MHz</th></tr><tr><td>QPSK</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 1</td></tr><tr><td>16 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 1</td></tr><tr><td>16 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 2</td></tr><tr><td>64 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 2</td></tr><tr><td>64 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 3</td></tr><tr><td>256 QAM</td><td colspan="6">≥ 1</td><td>≤ 5</td></tr></table>							Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3								Modulation	Channel bandwidth / Transmission bandwidth (N _{RB})						MPR (dB)	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1	16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1	16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2	64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2	64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3	256 QAM	≥ 1						≤ 5
Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3																																																																													
Modulation	Channel bandwidth / Transmission bandwidth (N _{RB})						MPR (dB)																																																																						
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz																																																																							
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1																																																																						
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1																																																																						
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2																																																																						
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2																																																																						
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3																																																																						
256 QAM	≥ 1						≤ 5																																																																						
LTE A-MPR	In the base station simulator configuration, Network Setting value is set to NS_01 to disable A-MPR during SAR testing and the LTE SAR tests was transmitting on all TTI frames (Maximum TTI)																																																																												
Spectrum plots for RB configuration	A properly configured base station simulator was used for the SAR and power measurement; therefore, spectrum plots for each RB allocation and offset configuration are not included in the SAR report.																																																																												
Power reduction applied to satisfy SAR compliance	The device has several different power modes for each exposure conditions SAR compliance; power selection is determined by the device's positioning and usage scenarios. Detail refer to operational description.																																																																												
LTE Carrier Aggregation Combinations	The UL CA referred to section 12.																																																																												
LTE Carrier Aggregation Additional Information	Additional following LTE Release features are not supported: Relay, HetNet, Enhanced MIMO, eICI, WiFi Offloading, MDH, eMBMA, Cross-Carrier Scheduling, Enhanced SC-FDMA.																																																																												



Transmission (H, M, L) channel numbers and frequencies in each LTE band												
LTE Band 2												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	18607	1850.7	18615	1851.5	18625	1852.5	18650	1855	18675	1857.5	18700	1860
M	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880
H	19193	1909.3	19185	1908.5	19175	1907.5	19150	1905	19125	1902.5	19100	1900
LTE Band 4												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	19957	1710.7	19965	1711.5	19975	1712.5	20000	1715	20025	1717.5	20050	1720
M	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5
H	20393	1754.3	20385	1753.5	20375	1752.5	20350	1750	20325	1747.5	20300	1745
LTE Band 5												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20407	824.7	20415	825.5	20425	826.5	20450	829				
M	20525	836.5	20525	836.5	20525	836.5	20525	836.5	20525	836.5		
H	20643	848.3	20635	847.5	20625	846.5	20600	844				
LTE Band 7												
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20775	2502.5	20800	2505	20825	2507.5	20850	2510				
M	21100	2535	21100	2535	21100	2535	21100	2535				
H	21425	2567.5	21400	2565	21375	2562.5	21350	2560				
LTE Band 12												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	23017	699.7	23025	700.5	23035	701.5	23060	704				
M	23095	707.5	23095	707.5	23095	707.5	23095	707.5				
H	23173	715.3	23165	714.5	23115	713.5	23130	711				
LTE Band 13												
	Bandwidth 5MHz				Bandwidth 10MHz							
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)	
L	23205		779.5		23230		782				782	
M	23230		782									
H	23255		784.5									
LTE Band 14												
	Bandwidth 5MHz				Bandwidth 10MHz							
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)	
L	23305		790.5		23330		793				793	
M	23330		793									
H	23355		795.5									
LTE Band 17												
	Bandwidth 5MHz				Bandwidth 10MHz							
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)	
L	23755		706.5				23780				709	
M	23790		710									
H	23825		713.5									
LTE Band 25												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26047	1850.7	26055	1851.5	26065	1852.5	26090	1855	26115	1857.5	26140	1860
M	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880
H	26683	1914.3	26675	1913.5	26665	1912.5	26640	1910	26615	1907.5	26590	1905
LTE Band 26												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz			
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26697	814.7	26705	815.5	26715	816.5	26740	819	26765	821.5		
M	26865	831.5	26865	831.5	26865	831.5	26865	831.5	26865	831.5		
H	27033	848.3	27025	847.5	27015	846.5	26990	844	26965	841.5		



LTE Band 30												
	Bandwidth 5MHz				Bandwidth 10MHz							
	Ch. #		Freq. (MHz)		Ch. #				Freq. (MHz)			
L	27685		2307.5		27710				2310			
M	27710		2310									
H	27735		2312.5									
LTE Band 38												
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	37775	2572.5	37800	2575	37825	2577.5	37850	2580				
M	38000	2595	38000	2595	38000	2595	38000	2595				
H	38225	2617.5	38200	2615	38175	2612.5	38150	2610				
LTE Band 41												
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	39675	2498.5	39700	2501	39725	2503.5	39750	2506				
LMM	40148	2545.8	40160	2547	40173	2548.3	40185	2549.5				
M	40620	2593	40620	2593	40620	2593	40620	2593				
HMM	41093	2640.3	41080	2639	41068	2637.8	41055	2636.5				
H	41565	2687.5	41540	2685	41515	2682.5	41490	2680				
LTE Band 48												
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	55265	3552.5	55290	3555	55315	3557.5	55340	3560				
LMM	55810	3607	55815	3607.5	55820	3608	55830	3609				
M	55990	3625	55990	3625	55990	3625	55990	3625				
HMM	56170	3643	56165	3642.5	56160	3642	56150	3641				
H	56715	3697.5	56690	3695	56665	3692.5	56640	3690				
LTE Band 66												
	Bandwidth 1.4MHz		Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	131979	1710.7	131987	1711.5	131997	1712.5	132022	1715	132047	1717.5	132072	1720
M	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745
H	132665	1779.3	132657	1778.5	132647	1777.5	132622	1775	132597	1772.5	132572	1770
LTE Band 71												
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	133147	665.5	133172	668	133197	670.5	133222	673				
M	133297	680.5	133297	680.5	133297	680.5	133297	680.5				
H	133447	695.5	133422	693	133397	690.5	133372	688				



2.4 General 5G NR SAR Test and Reporting Considerations

5G NR Information	
FCC ID	A4RG7SWN
Equipment Name	Phone
Operating Frequency Range of each 5G NR transmission band	5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n13 : 777 MHz ~ 787 MHz 5G NR n14 : 788 MHz ~ 798 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n26 : 814 MHz ~ 849 MHz 5G NR n30 : 2305 MHz ~ 2315 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n48 : 3550 MHz ~ 3700 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450 MHz ~ 3550 MHz 5G NR n78: 3700 MHz ~ 3800 MHz, 3450 MHz ~ 3550 MHz
Channel Bandwidth	5G NR n2: 5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz 5G NR n5: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n7: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 35MHz, 40MHz, 50MHz 5G NR n12: 5MHz, 10MHz, 15MHz 5G NR n13: 5MHz, 10MHz 5G NR n14: 5MHz, 10MHz 5G NR n25: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 35MHz, 40MHz 5G NR n26: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n30: 5MHz, 10MHz 5G NR n38: 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz 5G NR n41: 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz 5G NR n48: 10MHz, 15MHz, 20MHz, 30MHz, 40MHz 5G NR n66: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 35MHz, 40MHz, 45MHz 5G NR n70: 5MHz, 10MHz, 15MHz 5G NR n71: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 35MHz 5G NR n77/n78: 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
SCS	FDD: SCS15KHz, TDD: SCS30KHz
uplink modulations used	DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM CP-OFDM QPSK / 16QAM / 64QAM / 256QAM
A-MPR (Additional MPR) disabled for SAR Testing?	Yes
LTE Anchor Band 2	FR1 n2/5/7/12/25/30/38/41/48/66/71/77/78
LTE Anchor Band 4	FR1 n2/7/38/41/78
LTE Anchor Band 5	FR1 n2/7/30/38/41/66/77/78
LTE Anchor Band 7	FR1 n2/5/12/25/26/66/71/77/78
LTE Anchor Band 12	FR1 n2/7/25/30/38/41/66/77/78
LTE Anchor Band 13	FR1 n2/7/25/66/77/78
LTE Anchor Band 14	FR1 n2/30/66/77
LTE Anchor Band 25	FR1 n41/77/78
LTE Anchor Band 26	FR1 n41/78
LTE Anchor Band 30	FR1 n2/5/66/77
LTE Anchor Band 38	FR1 n78
LTE Anchor Band 41	FR1 n77/78
LTE Anchor Band 48	FR1 n2/5/12/25/66/71
LTE Anchor Band 66	FR1 n2/5/7/12/25/38/41/48/66/71/77/78
LTE Anchor Band 71	FR1 n2/7/38/41/48/66/77/78



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Transmission (H, M, L) channel numbers and frequencies in each FR1 band																		
FR1 n2																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz			
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)		
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860	372500	1862.5	373000	1865	373500	1867.5	374000	1870		
M	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880		
H	381500	1907.5	381000	1905	380500	1902.5	380000	1900	379500	1897.5	379000	1895	378500	1892.5	378000	1890		
FR1 n5																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz			
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)		
L	165300	826.5			165800		829		166300		831.5		166800			834		
M	167300	836.5			167300		836.5		167300		836.5		167300			836.5		
H	169300	846.5			168800		844		168300		841.5		167800			839		
FR1 n7																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	500500	2502.5	501000	2505	501500	2507.5	502000	2510	502500	2512.5	503000	2515	503500	2517.5	504000	2520	505000	2525
M	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535
H	513500	2567.5	513000	2565	512500	2562.5	512000	2560	511500	2557.5	511000	2555	510500	2552.5	510000	2550	509000	2545
FR1 n12																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	140300			701.5			140800			704			141300			706.5		
M	141500			707.5			141500			707.5			141500			707.5		
H	142700			713.5			142200			711			141700			708.5		
FR1 n13																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	155900					779.5												
M	156400					782												
H	156900					784.5												
FR1 n14																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	158100					790.5												
M	158600					793												
H	159100					795.5												
FR1 n25																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860	372500	1862.5	373000	1865	373500	1867.5	374000	1870		
M	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5		
H	382500	1912.5	382000	1910	381500	1907.5	381000	1905	380500	1902.5	380000	1900	379500	1897.5	379000	1895		
FR1 n26																		
	Bandwidth 3MHz		Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	163100	815.5			163300	816.5			163800	819			164300	821.5			164800	824
M	166300	831.5			166300	831.5			166300	831.5			166300	831.5			166300	831.5
H	169500	847.5			169300	846.5			168800	844			168300	841.5			167800	839
FR1 n30																		
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	461500					2307.5												
M	462000					2310												
H	462500					2312.5												
FR1 n38																		
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	515000	2575			515500	2577.5			516000	2580			516500	2582.5			517000	2585
M	519000	2595			519000	2595			519000	2595			519000	2595			519000	2595
H	523000	2615			522500	2612.5			522000	2610			521500	2607.5			521000	2605



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FR1 n41																								
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	500202	2501.01	500700	2503.5	501204	2506.02	501702	2508.51	502200	2511	503202	2516.01	504204	2521.02	505200	2526	506202	2531.01	507204	2536.02	508200	2541	509202	2546.01
M	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99
H	537000	2685	536496	2682.48	535998	2679.99	535500	2677.5	534996	2674.98	534000	2670	532998	2664.99	531996	2659.98	531000	2655	529998	2649.99	528996	2644.98	528000	2640
FR1 n48																								
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 30MHz		Bandwidth 40MHz															
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)														
L	637000	3555	637168	3557.52	637334	3560.01	637668	3565.02	638000	3570														
M	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99														
H	646332	3694.98	646166	3692.49	646000	3690	645666	3684.99	645332	3679.98														
FR1 n66																								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 45MHz							
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)						
L	342500	1712.5	343000	1715	343500	1717.5	344000	1720	344500	1722.5	345000	1725	345500	1727.5	346000	1730	346500	1732.5						
M	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745						
H	355500	1777.5	355000	1775	354500	1772.5	354000	1770	353500	1767.5	353000	1765	352500	1762.5	352000	1760	351500	1757.5						
FR1 n70																								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 45MHz							
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)						
L	339500	1697.5	340000	1700	340500	1702.5	341000	1705	341500	1707.5	342000	1710	342500	1712.5	343000	1715	343500	1717.5						
M	340500	1702.5	340500	1702.5	340500	1702.5	340500	1702.5	340500	1702.5	340500	1702.5	340500	1702.5	340500	1702.5	340500	1702.5						
H	341500	1707.5	341000	1705	340500	1702.5	340000	1700	339500	1697.5	339000	1695	338500	1692.5	338000	1690	337500	1687.5						
FR1 n71																								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 35MHz		Bandwidth 40MHz		Bandwidth 45MHz							
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)						
L	133100	665.5	133600	668	134100	670.5	134600	673	135100	675.5	135600	678	136100	680.5	136600	683	137100	685.5						
M	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5	136100	680.5						
H	139100	695.5	138600	693	138100	690.5	137600	688	137100	685.5	136600	683	136100	680.5	135600	678	135100	675.5						
FR1 n77 (Z7Q)																								
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	630334	3455.01	630500	3457.5	630668	3460.02	630834	3462.51	631000	3465	631334	3470.01	631668	3475.02	632000	3480	632334	3485.01	632668	3490.02	633000	3495	633332	3499.98
M	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98
H	636332	3544.98	636166	3542.49	636000	3540	635832	3537.48	635666	3534.99	635332	3529.98	635000	3525	634666	3519.99	634332	3514.98	634000	3510	633666	3504.99	633332	3499.98
FR1 n77 (Z7Q)																								
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	647000	3705	647168	3707.52	647334	3710.01	647500	3712.5	647668	3715.02	648000	3720	648334	3725.01	648668	3730.02	649000	3735	649334	3740.01	649668	3745.02	650000	3750
M	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840
H	665000	3975	664832	3972.48	664666	3969.99	664500	3967.5	664332	3964.98	664000	3960	663666	3954.99	663332	3949.98	663000	3945	662666	3939.99	662332	3934.98	662000	3930
FR1 n78 (Z7Q)																								
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	630334	3455.01	630500	3457.5	630668	3460.02	630834	3462.51	631000	3465	631334	3470.01	631668	3475.02	632000	3480	632334	3485.01	632668	3490.02	633000	3495	633332	3499.98
M	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98
H	636332	3544.98	636166	3542.49	636000	3540	635832	3537.48	635666	3534.99	635332	3529.98	635000	3525	634666	3519.99	634332	3514.98	634000	3510	633666	3504.99	633332	3499.98
FR1 n78 (Z7Q)																								
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth 100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	647000	3705	647168	3707.52	647334	3710.01	647500	3712.5	647668	3715.02	648000	3720	648334	3725.01	648668	3730.02	649000	3735	649334	3740.01	649668	3745.02	650000	3750
M	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750
H	653000	3795	652832	3792.48	652666	3789.99	652500	3787.5	652332	3784.98	652000	3780	651666	3774.99	651332	3769.98	651000	3765	650666	3759.99	650332	3754.98	650000	3750

3. TAS feature for RF Exposure compliance

The FCC RF exposure limit is based on time-averaged RF exposure. Both SAR regulatory specifications are defined over certain measurement duration allowing for time-averaging. The MediaTek TA-SAR v2 algorithm has been designed to meet the compliance limits over the required duration, while still allowing dynamic control of transmit power for meeting system performance. Under the control of TAS algorithm, the device can transmit at high power up to Pmax for certain interval, but the average power will be maintained not exceeding the pre-defined averaged level (Plimit), and thus maintain the time-averaged RF exposure compliance

Pmax	Maximum Tx power that can be transmitted physically from RFIC for a given RAT
SAR_FCC_limit	SAR limit specified by FCC 1.6 W/kg averaged over 1-gram, for head and body exposure
SAR_target	Target SAR level used in TAS algorithm. This SAR value should be less than FCC limit and should be determined after accounting for all uncertainties and other design considerations.
Plimit	The time-averaged RF power that corresponds to SAR_target.
SAR characterization	Characterization of SAR value for all sub6GHz technologies

3.1 SAR Characterization – Power Table

General Note:

1. Pmax is used for RF tune up procedure. The maximum allowed output power is equal to Pmax + device uncertainty.
2. All Plimit power levels entered in the Table correspond to average power levels after accounting for duty cycle in the case TDD modulation schemes (for e.g., GSM& LTE TDD & NR TDD).
3. The max allowed output power is the Plimit + device uncertainty, and if Plimit is higher than Pmax, the device output power will be Pmax instead.

<P_{limit} for supported technologies and bands>

Wireless technology (Accounting duty cycle)	Mode	Mode	Antenna	Duty cycle	Head		Hotspot	Body-worn/Extremity		P Max Time-average power (dBm)
					ECI 2	ECI 3	ECI 6	ECI 4	ECI 5	
					Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	
					P limit					
Time-average power (dBm)										
GSM	B850	1TX	Ant0	12.50%	29.80	25.60	22.20	22.40	22.20	23.50
GPRS	B850	1TX	Ant0	12.50%	29.80	25.60	22.20	22.40	22.20	23.50
GPRS	B850	2TX	Ant0	25.00%	29.80	25.60	22.20	22.40	22.20	25.30
GPRS	B850	3TX	Ant0	37.50%	29.80	25.60	22.20	22.40	22.20	26.10
GPRS	B850	4TX	Ant0	50.00%	29.80	25.60	22.20	22.40	22.20	26.30
EGPRS	B850	1TX	Ant0	12.50%	29.80	25.60	22.20	22.40	22.20	17.30
EGPRS	B850	2TX	Ant0	25.00%	29.80	25.60	22.20	22.40	22.20	19.30
EGPRS	B850	3TX	Ant0	37.50%	29.80	25.60	22.20	22.40	22.20	20.10
EGPRS	B850	4TX	Ant0	50.00%	29.80	25.60	22.20	22.40	22.20	20.30
GSM	B850	1TX	Ant1	12.50%	23.50	22.80	24.60	26.20	24.60	23.20
GPRS	B850	1TX	Ant1	12.50%	23.50	22.80	24.60	26.20	24.60	23.20
GPRS	B850	2TX	Ant1	25.00%	23.50	22.80	24.60	26.20	24.60	25.00
GPRS	B850	3TX	Ant1	37.50%	23.50	22.80	24.60	26.20	24.60	25.80
GPRS	B850	4TX	Ant1	50.00%	23.50	22.80	24.60	26.20	24.60	26.00
EGPRS	B850	1TX	Ant1	12.50%	23.50	22.80	24.60	26.20	24.60	17.00
EGPRS	B850	2TX	Ant1	25.00%	23.50	22.80	24.60	26.20	24.60	19.00
EGPRS	B850	3TX	Ant1	37.50%	23.50	22.80	24.60	26.20	24.60	19.80
EGPRS	B850	4TX	Ant1	50.00%	23.50	22.80	24.60	26.20	24.60	20.00
GSM	B1900	1TX	Ant2	12.50%	25.00	25.00	18.70	20.30	18.70	20.40
GPRS	B1900	1TX	Ant2	12.50%	25.00	25.00	18.70	20.30	18.70	20.40
GPRS	B1900	2TX	Ant2	25.00%	25.00	25.00	18.70	20.30	18.70	21.90
GPRS	B1900	3TX	Ant2	37.50%	25.00	25.00	18.70	20.30	18.70	23.20
GPRS	B1900	4TX	Ant2	50.00%	25.00	25.00	18.70	20.30	18.70	23.40
EGPRS	B1900	1TX	Ant2	12.50%	25.00	25.00	18.70	20.30	18.70	16.40
EGPRS	B1900	2TX	Ant2	25.00%	25.00	25.00	18.70	20.30	18.70	18.40
EGPRS	B1900	3TX	Ant2	37.50%	25.00	25.00	18.70	20.30	18.70	19.20
EGPRS	B1900	4TX	Ant2	50.00%	25.00	25.00	18.70	20.30	18.70	19.40
GSM	B1900	1TX	Ant0	12.50%	36.10	36.10	14.20	15.60	14.20	20.30
GPRS	B1900	1TX	Ant0	12.50%	36.10	36.10	14.20	15.60	14.20	20.30
GPRS	B1900	2TX	Ant0	25.00%	36.10	36.10	14.20	15.60	14.20	21.80
GPRS	B1900	3TX	Ant0	37.50%	36.10	36.10	14.20	15.60	14.20	23.10
GPRS	B1900	4TX	Ant0	50.00%	36.10	36.10	14.20	15.60	14.20	23.30
EGPRS	B1900	1TX	Ant0	12.50%	36.10	36.10	14.20	15.60	14.20	16.30
EGPRS	B1900	2TX	Ant0	25.00%	36.10	36.10	14.20	15.60	14.20	18.30
EGPRS	B1900	3TX	Ant0	37.50%	36.10	36.10	14.20	15.60	14.20	19.10
EGPRS	B1900	4TX	Ant0	50.00%	36.10	36.10	14.20	15.60	14.20	19.30
WCDMA	B2	PC3	Ant2	100.00%	27.80	27.80	18.50	19.90	18.50	24.00
WCDMA	B2	PC3	Ant0	100.00%	35.30	35.30	13.50	15.30	13.50	23.90
WCDMA	B4	PC3	Ant2	100.00%	27.40	27.40	19.40	20.80	19.40	24.00
WCDMA	B4	PC3	Ant0	100.00%	37.00	37.00	14.30	15.70	14.30	23.80
WCDMA	B5	PC3	Ant0	100.00%	53.00	53.00	21.00	21.00	21.00	24.00



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WCDMA	B5	PC3	Ant1	100.00%	23.00	22.20	24.50	24.90	24.50	23.70
LTE	B2	PC3	Ant2	100.00%	25.40	25.40	17.90	19.20	17.90	24.00
LTE	B2	PC3	Ant0	100.00%	35.00	35.00	13.80	14.80	13.80	23.90
LTE	B2	PC3	Ant1	100.00%	17.70	16.90	18.80	19.60	18.80	24.00
LTE	B2	PC3	Ant5	100.00%	17.20	14.90	16.60	18.00	16.60	23.90
LTE	B4	PC3	Ant2	100.00%	27.80	27.80	19.40	20.80	19.40	24.00
LTE	B4	PC3	Ant0	100.00%	52.90	52.90	13.90	15.30	13.90	23.80
LTE	B4	PC3	Ant1	100.00%	19.00	18.30	20.20	21.00	20.20	24.00
LTE	B4	PC3	Ant5	100.00%	16.90	15.80	16.10	17.90	16.10	23.90
LTE	B5 / 5B	PC3	Ant0	100.00%	27.60	26.80	20.70	20.70	20.70	24.00
LTE	B5 / 5B	PC3	Ant1	100.00%	22.60	21.90	23.20	25.10	23.20	23.70
LTE	B7 / 7C	PC3	Ant2	100.00%	22.30	22.20	16.00	17.70	16.00	24.00
LTE	B7 / 7C	PC3	Ant0	100.00%	31.80	31.80	14.50	16.90	14.50	23.90
LTE	B12	PC3	Ant0	100.00%	29.00	28.30	22.50	25.00	22.50	24.00
LTE	B12	PC3	Ant1	100.00%	23.10	22.40	25.60	26.40	25.60	23.80
LTE	B13	PC3	Ant0	100.00%	28.00	27.30	21.10	21.40	21.10	24.00
LTE	B13	PC3	Ant1	100.00%	23.60	22.90	22.40	25.60	22.40	23.80
LTE	B14	PC3	Ant0	100.00%	28.00	27.30	21.30	21.30	21.30	24.00
LTE	B14	PC3	Ant1	100.00%	22.70	22.00	21.90	25.40	21.90	23.80
LTE	B17	PC3	Ant0	100.00%	29.00	28.30	22.50	25.00	22.50	24.00
LTE	B17	PC3	Ant1	100.00%	23.10	22.40	25.60	26.40	25.60	23.80
LTE	B25	PC3	Ant2	100.00%	25.40	25.40	17.90	19.20	17.90	24.00
LTE	B25	PC3	Ant0	100.00%	35.00	35.00	13.80	14.80	13.80	23.90
LTE	B25	PC3	Ant1	100.00%	17.70	16.90	18.80	19.60	18.80	24.00
LTE	B25	PC3	Ant5	100.00%	17.20	14.90	16.60	18.00	16.60	23.90
LTE	B26	PC3	Ant0	100.00%	27.60	26.80	20.70	20.70	20.70	24.00
LTE	B26	PC3	Ant1	100.00%	22.60	21.90	23.20	25.10	23.20	23.70
LTE	B30	PC3	Ant2	100.00%	23.10	23.00	16.60	18.00	16.60	23.60
LTE	B30	PC3	Ant0	100.00%	34.50	34.50	14.30	15.70	14.30	23.60
LTE	B38 / 38C	PC3	Ant2	63.30%	23.50	23.50	16.10	17.50	16.10	22.00
LTE	B38	PC2	Ant2	43.30%	23.50	23.50	16.10	17.50	16.10	22.30
LTE	B38 / 38C	PC3	Ant0	63.30%	32.30	32.30	14.70	16.90	14.70	21.90
LTE	B38	PC2	Ant0	43.30%	32.30	32.30	14.70	16.90	14.70	22.20
LTE	B38 / 38C	PC3	Ant1	63.30%	20.30	19.60	19.40	19.50	19.40	22.00
LTE	B38	PC2	Ant1	43.30%	20.30	19.60	19.40	19.50	19.40	22.30
LTE	B38 / 38C	PC3	Ant5	63.30%	14.40	13.40	14.80	17.70	14.80	21.80
LTE	B38	PC2	Ant5	43.30%	14.40	13.40	14.80	17.70	14.80	22.10
LTE	B41 / 41C	PC3	Ant2	63.30%	23.50	23.50	16.10	17.50	16.10	22.00
LTE	B41	PC2	Ant2	43.30%	23.50	23.50	16.10	17.50	16.10	22.30
LTE	B41 / 41C	PC3	Ant0	63.30%	32.30	32.30	14.70	16.90	14.70	22.00
LTE	B41	PC2	Ant0	43.30%	32.30	32.30	14.70	16.90	14.70	22.30
LTE	B41 / 41C	PC3	Ant1	63.30%	20.30	19.60	19.40	19.50	19.40	22.00
LTE	B41	PC2	Ant1	43.30%	20.30	19.60	19.40	19.50	19.40	22.30
LTE	B41 / 41C	PC3	Ant5	63.30%	14.40	13.40	14.80	17.70	14.80	21.80
LTE	B41	PC2	Ant5	43.30%	14.40	13.40	14.80	17.70	14.80	22.10
LTE	B48	PC3	Ant6	63.30%	26.70	26.70	16.00	17.40	16.00	21.20
LTE	B48	PC3	Ant7	63.30%	27.80	27.80	15.10	16.50	15.10	19.70
LTE	B48	PC3	Ant1	63.30%	15.10	14.40	14.10	16.80	14.10	22.10
LTE	B48	PC3	Ant5	63.30%	17.00	15.80	18.90	18.90	18.90	21.30
LTE	B66 / 66C / 66B	PC3	Ant2	100.00%	27.80	27.80	19.40	20.80	19.40	24.00
LTE	B66 / 66C / 66B	PC3	Ant0	100.00%	52.90	52.90	13.90	15.30	13.90	24.00
LTE	B66 / 66C / 66B	PC3	Ant1	100.00%	19.00	18.30	20.20	21.00	20.20	24.00
LTE	B66 / 66C / 66B	PC3	Ant5	100.00%	16.90	15.80	16.10	17.90	16.10	23.90
LTE	B71	PC3	Ant0	100.00%	29.30	28.60	22.90	24.30	22.90	24.00
LTE	B71	PC3	Ant1	100.00%	23.70	23.00	26.00	27.50	26.00	23.80
NR	n2	PC3	Ant2	100.00%	25.70	25.70	18.90	20.30	18.90	24.00



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NR	n2	PC3	Ant0	100.00%	34.70	34.70	14.00	14.70	14.00	23.90
NR	n2	PC3	Ant1	100.00%	17.60	17.60	19.20	19.90	19.20	24.00
NR	n2	PC3	Ant5	100.00%	17.50	16.10	17.40	18.80	17.40	23.90
NR	n5	PC3	Ant0	100.00%	27.70	27.00	20.70	20.70	20.70	24.00
NR	n5	PC3	Ant1	100.00%	22.90	22.10	23.10	25.20	23.10	23.70
NR	n7	PC3	Ant2	100.00%	22.50	22.00	16.00	18.00	16.00	24.00
NR	n7	PC3	Ant0	100.00%	30.80	30.80	14.40	16.80	14.40	23.90
NR	n12	PC3	Ant0	100.00%	28.50	27.80	22.20	22.90	22.20	24.00
NR	n12	PC3	Ant1	100.00%	23.70	23.00	26.30	26.40	26.30	23.80
NR	n13	PC3	Ant0	100.00%	27.90	27.20	21.50	21.50	21.50	24.00
NR	n13	PC3	Ant1	100.00%	22.70	22.00	22.30	26.60	22.30	23.80
NR	n14	PC3	Ant0	100.00%	28.10	27.40	21.50	21.70	21.50	24.00
NR	n14	PC3	Ant1	100.00%	22.80	22.10	22.70	25.60	22.70	23.80
NR	n25	PC3	Ant2	100.00%	25.70	25.70	18.90	20.30	18.90	24.00
NR	n25	PC3	Ant0	100.00%	34.70	34.70	14.00	14.70	14.00	23.90
NR	n25	PC3	Ant1	100.00%	17.60	17.60	19.20	19.90	19.20	24.00
NR	n25	PC3	Ant5	100.00%	17.50	16.10	17.40	18.80	17.40	23.90
NR	n26	PC3	Ant0	100.00%	27.70	27.00	20.70	20.70	20.70	24.00
NR	n26	PC3	Ant1	100.00%	22.90	22.10	23.10	25.20	23.10	23.70
NR	n30	PC3	Ant2	100.00%	24.80	24.80	17.00	18.40	17.00	23.60
NR	n30	PC3	Ant0	100.00%	33.50	33.50	14.80	16.20	14.80	23.60
NR	n38	PC3	Ant2	100.00%	22.80	22.40	16.10	17.70	16.10	24.00
NR	n38	PC3	Ant0	100.00%	32.00	32.00	15.10	16.80	15.10	23.90
NR	n38	PC3	Ant1	100.00%	17.50	16.80	16.30	19.30	16.30	24.00
NR	n38	PC3	Ant5	100.00%	15.30	15.30	15.30	16.90	15.30	23.80
NR	n41 / n41C / n41B	PC3	Ant2	100.00%	22.80	22.40	16.10	17.70	16.10	24.00
NR	n41	PC2	Ant2	50.00%	22.80	22.40	16.10	17.70	16.10	22.90
NR	n41	PC1.5	Ant2	25.00%	22.80	22.40	16.10	17.70	16.10	19.90
NR	n41 / n41C / n41B	PC3	Ant0	100.00%	32.00	32.00	15.10	16.80	15.10	24.00
NR	n41	PC2	Ant0	50.00%	32.00	32.00	15.10	16.80	15.10	22.90
NR	n41	PC1.5	Ant0	25.00%	32.00	32.00	15.10	16.80	15.10	19.90
NR	n41 / n41C / n41B	PC3	Ant1	100.00%	17.50	16.80	16.30	19.30	16.30	24.00
NR	n41	PC2	Ant1	50.00%	17.50	16.80	16.30	19.30	16.30	22.90
NR	n41	PC1.5	Ant1	25.00%	17.50	16.80	16.30	19.30	16.30	19.90
NR	n41 / n41C / n41B	PC3	Ant5	100.00%	15.30	15.30	15.30	16.90	15.30	23.80
NR	n41	PC2	Ant5	50.00%	15.30	15.30	15.30	16.90	15.30	22.70
NR	n41	PC1.5	Ant5	25.00%	15.30	15.30	15.30	16.90	15.30	19.70
NR	n48	PC3	Ant6	100.00%	26.80	22.90	15.80	18.50	15.80	23.20
NR	n48	PC3	Ant7	100.00%	25.60	25.60	14.70	16.50	14.70	21.70
NR	n48	PC3	Ant1	100.00%	16.50	15.80	15.80	19.30	15.80	24.10
NR	n48	PC3	Ant5	100.00%	17.60	16.20	17.50	18.50	17.50	23.60
NR	n66	PC3	Ant2	100.00%	27.60	27.60	20.30	20.80	20.30	24.00
NR	n66	PC3	Ant0	100.00%	34.40	34.40	14.10	15.50	14.10	23.80
NR	n66	PC3	Ant1	100.00%	20.80	20.10	22.00	23.10	22.00	24.00
NR	n66	PC3	Ant5	100.00%	17.60	16.30	16.90	18.30	16.90	23.90
NR	n70	PC3	Ant2	100.00%	28.00	28.00	20.70	22.10	20.70	23.80
NR	n70	PC3	Ant0	100.00%	52.70	52.70	14.40	16.20	14.40	23.60
NR	n70	PC3	Ant1	100.00%	20.60	19.90	23.30	24.50	23.30	23.80
NR	n70	PC3	Ant5	100.00%	18.20	16.60	16.90	18.30	16.90	23.70
NR	n71	PC3	Ant0	100.00%	29.50	28.80	23.80	23.80	23.80	24.00
NR	n71	PC3	Ant1	100.00%	24.10	23.40	26.10	26.90	26.10	23.80
NR	n77 / n77C	PC3	Ant6	100.00%	23.60	21.00	15.60	16.90	15.60	24.10
NR	n77	PC2	Ant6	50.00%	23.60	21.00	15.60	16.90	15.60	23.10
NR	n77	PC1.5	Ant6	25.00%	23.60	21.00	15.60	16.90	15.60	20.10
NR	n77 / n77C	PC3	Ant7	100.00%	25.00	23.20	14.30	15.70	14.30	23.80
NR	n77	PC2	Ant7	50.00%	25.00	23.20	14.30	15.70	14.30	22.80



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

NR	n77	PC1.5	Ant7	25.00%	25.00	23.20	14.30	15.70	14.30	19.80
NR	n77 / n77C	PC3	Ant1	100.00%	14.60	13.90	13.70	16.30	13.70	24.10
NR	n77	PC2	Ant1	50.00%	14.60	13.90	13.70	16.30	13.70	23.10
NR	n77	PC1.5	Ant1	25.00%	14.60	13.90	13.70	16.30	13.70	20.10
NR	n77 / n77C	PC3	Ant5	100.00%	15.60	14.70	17.40	18.10	17.40	23.50
NR	n77	PC2	Ant5	50.00%	15.60	14.70	17.40	18.10	17.40	22.50
NR	n77	PC1.5	Ant5	25.00%	15.60	14.70	17.40	18.10	17.40	19.50
NR	n78	PC3	Ant6	100.00%	23.60	21.00	15.60	16.90	15.60	24.10
NR	n78	PC2	Ant6	50.00%	23.60	21.00	15.60	16.90	15.60	23.10
NR	n78	PC1.5	Ant6	25.00%	23.60	21.00	15.60	16.90	15.60	20.10
NR	n78	PC3	Ant7	100.00%	25.00	23.20	14.30	15.70	14.30	23.80
NR	n78	PC2	Ant7	50.00%	25.00	23.20	14.30	15.70	14.30	22.80
NR	n78	PC1.5	Ant7	25.00%	25.00	23.20	14.30	15.70	14.30	19.80
NR	n78	PC3	Ant1	100.00%	14.60	13.90	13.70	16.30	13.70	24.10
NR	n78	PC2	Ant1	50.00%	14.60	13.90	13.70	16.30	13.70	23.10
NR	n78	PC1.5	Ant1	25.00%	14.60	13.90	13.70	16.30	13.70	20.10
NR	n78	PC3	Ant5	100.00%	15.60	14.70	17.40	18.10	17.40	23.30
NR	n78	PC2	Ant5	50.00%	15.60	14.70	17.40	18.10	17.40	22.30
NR	n78	PC1.5	Ant5	25.00%	15.60	14.70	17.40	18.10	17.40	19.30
NTN	B23	PC3	Ant5	100.00%				20.60		23.50
NTN	B255	PC3	Ant5	100.00%				18.20		23.50

4. RF Exposure Limits

4.1 Uncontrolled Environment

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

4.2 Controlled Environment

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. The exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

1. Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

4.3 RF Exposure limit for above 6GHz

According to ANSI/IEEE C95.1-1992, the criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1.0	30

5. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards, the below KDB standard may not including in the TAF code without accreditation.

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 648474 D04 SAR Evaluation Considerations for Wireless Handsets v01r03
- FCC KDB 248227 D01 802.11 Wi-Fi SAR v02r02
- FCC KDB 941225 D01 3G SAR Procedures v03r01
- FCC KDB 941225 D05 SAR for LTE Devices v02r05
- FCC KDB 941225 D05A Rel.10 LTE SAR Test Guidance v01r02
- FCC KDB 941225 D06 Hotspot Mode SAR v02r01
- FCC KDB 941225 D07 UMPC Mini Tablet v01r02
- IEC/IEEE 62209-1528:2020
- SPEAG DASY6 System Handbook
- SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)

6. Specific Absorption Rate (SAR)

6.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

6.2 SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

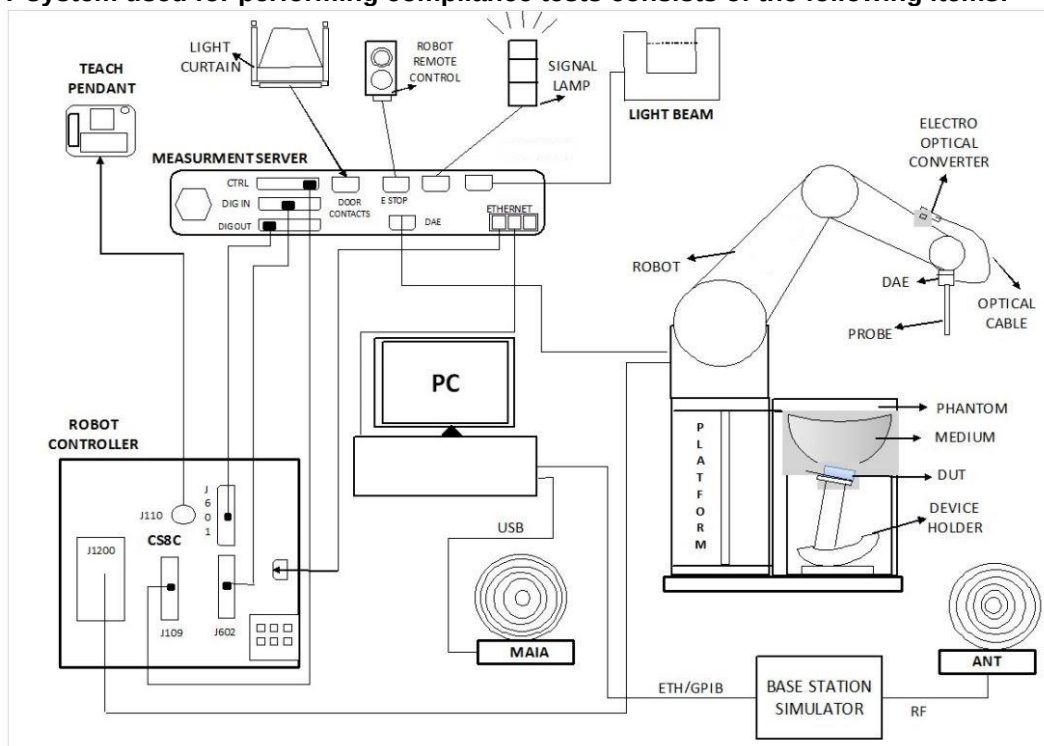
SAR is expressed in units of Watts per kilogram (W/kg)

$$SAR = \frac{\sigma |E|^2}{\rho}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the RMS electrical field strength.

7. System Description and Setup

The DASY system used for performing compliance tests consists of the following items:



- The DASY system in SAR Configuration is shown above
- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running windows software and the DASY software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

7.1 Test Site Location

The SAR measurement facilities used to collect data are within both Sporton Lab list below test site location are accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190 and 3786) and the FCC designation No. TW1190 and TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test.

Laboratory	EMC & Wireless Communications Laboratory		Wensan Laboratory					
Test Site Location	TW1190		TW3786					
	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan		No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan					
Test Site No.	SAR01-HY	SAR03-HY	SAR08-HY	SAR09-HY	SAR15-HY	SAR18-HY	SAR21-HY	
	SAR04-HY	SAR05-HY	SAR11-HY	SAR12-HY	SAR16-HY	SAR19-HY	SAR22-HY	
	SAR06-HY	SAR10-HY	SAR13-HY	SAR14-HY	SAR17-HY	SAR20-HY		

7.2 E-Field Probe

The SAR measurement is conducted with the dosimetric probe (manufactured by SPEAG). The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. This probe has a built in optical surface detection system to prevent from collision with phantom.

< ES3DV3 Probe >

Construction	Symmetric design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	4 MHz – 4 GHz; Linearity: ± 0.2 dB (30 MHz – 4 GHz)	
Directivity	± 0.2 dB in TSL (rotation around probe axis) ± 0.3 dB in TSL (rotation normal to probe axis)	
Dynamic Range	5 μ W/g – > 100 mW/g; Linearity: ± 0.2 dB	
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: 3.9 mm (body: 12 mm) Distance from probe tip to dipole centers: 3.0 mm	

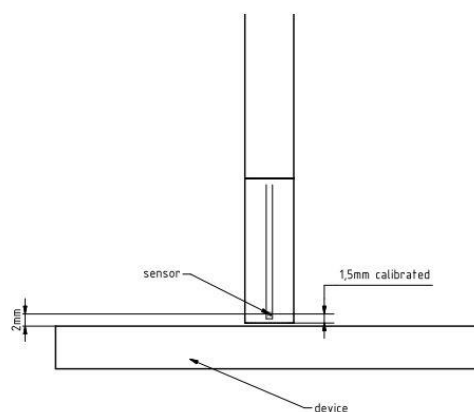
< EX3DV4 Probe >

Construction	Symmetric design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	4 MHz – > 6 GHz Linearity: ± 0.2 dB (30 MHz – 6 GHz)	
Directivity	± 0.3 dB in TSL (rotation around probe axis) ± 0.5 dB in TSL (rotation normal to probe axis)	
Dynamic Range	10 μ W/g – > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 μ W/g)	
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: 2.5 mm (body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm	

7.3 EUmmWave Probe / E-Field 5G Probe

The probe design allows measurements at distances as small as 2 mm from the sensors to the surface of the device under test (DUT). The typical sensor to probe tip distance is 1.5 mm.

Frequency	750 MHz – 110 GHz
Probe Overall Length	320 mm
Probe Body Diameter	8.0 mm
Tip Length	23.0 mm
Tip Diameter	8.0 mm
Probe's two dipoles length	0.9 mm – Diode loaded
Dynamic Range	< 20 V/m - 10000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm
Distance between diode sensors and probe's tip	1.5 mm
Minimum Mechanical separation between probe tip and a Surface	0.5 mm
Applications	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space) Power density, H-field and far-field analysis using total field reconstruction.
Compatibility	cDASY6 + 5G-Module SW1.0 and higher



7.4 Data Acquisition Electronics (DAE)

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder and control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

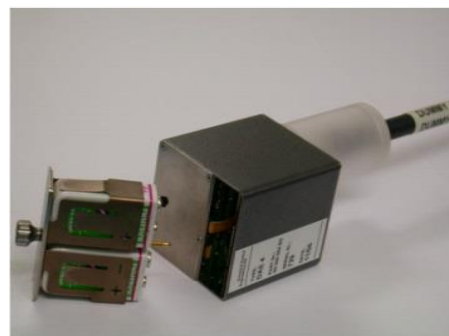


Fig 5.1 Photo of DAE

7.5 Phantom

< SAM Twin Phantom >

Shell Thickness	2 ± 0.2 mm; Center ear point: 6 ± 0.2 mm
Filling Volume	Approx. 25 liters
Dimensions	Length: 1000 mm; Width: 500 mm; Height: adjustable feet
Measurement Areas	Left Hand, Right Hand, Flat Phantom



The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

< ELI Phantom >

Shell Thickness	2 ± 0.2 mm (sagging: < 1%)
Filling Volume	Approx. 30 liters
Dimensions	Major ellipse axis: 600 mm Minor axis: 400 mm



The ELI phantom is intended for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI4 is fully compatible with standard and all known tissue simulating liquids.

7.6 Device Holder

< Mounting Device for Hand-Held Transmitter >

In combination with the Twin SAM V5.0/V5.0c or ELI phantoms, the Mounting Device for Hand-Held Transmitters enables rotation of the mounted transmitter device to specified spherical coordinates. At the heads, the rotation axis is at the ear opening. Transmitter devices can be easily and accurately positioned according to IEC 62209-1, IEEE 1528, FCC, or other specifications. The device holder can be locked for positioning at different phantom sections (left head, right head, flat). And upgrade kit to Mounting Device to enable easy mounting of wider devices like big smart-phones, e-books, small tablets, etc. It holds devices with width up to 140 mm.



Mounting Device for Hand-Held Transmitters



Mounting Device Adaptor for Wide-Phones

< Mounting Device for Laptops and other Body-Worn Transmitters >

The extension is lightweight and made of POM, acrylic glass and foam. It fits easily on the upper part of the mounting device in place of the phone positioned. The extension is fully compatible with the SAM Twin and ELI phantoms.



Mounting Device for Laptops

8. Measurement Procedures

The measurement procedures are as follows:

- (a) Configure the device RF transmitters to be in continuous transmission mode., at maximum RF power, in the highest power channel.
- (b) Place the EUT in the positions as Appendix D demonstrates.
- (c) Set scan area, grid size and other setting on the DASY software.
- (d) Measure SAR results for the highest power channel on each testing position.
- (e) Find out the largest SAR result on these testing positions of each band
- (f) Measure SAR results for other channels in worst SAR testing position if the reported SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

- (a) Power reference measurement
- (b) Area scan
- (c) Zoom scan
- (d) Power drift measurement

8.1 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The DASY software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine (SEMCAD). The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

- (a) Extraction of the measured data (grid and values) from the Zoom Scan
- (b) Calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
- (c) Generation of a high-resolution mesh within the measured volume
- (d) Interpolation of all measured values from the measurement grid to the high-resolution grid
- (e) Extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
- (f) Calculation of the averaged SAR within masses of 1g and 10g

8.2 Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

8.3 Area Scan

The area scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum found in the scanned area, within a range of the global maximum. The range (in dB0) is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan), if only one zoom scan follows the area scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of zoom scans has to be increased accordingly.

Area scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}	≤ 2 GHz: ≤ 15 mm $2 - 3$ GHz: ≤ 12 mm	$3 - 4$ GHz: ≤ 12 mm $4 - 6$ GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

8.4 Zoom Scan

Zoom scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 gram and 10 gram of simulated tissue. The zoom scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the zoom scan evaluates the averaged SAR for 1 gram and 10 gram and displays these values next to the job's label.

Zoom scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.				
* When zoom scan is required and the <i>reported</i> SAR from the <i>area scan based 1-g SAR estimation</i> procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

8.5 Volume Scan Procedures

The volume scan is used to assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing. When all volume scan were completed, the software, SEMCAD postprocessor can combine and subsequently superpose these measurement data to calculating the multiband SAR.

8.6 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In DASy measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drifts more than 5%, the SAR will be retested.



9. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Last Cal.	Due Date
SPEAG	750MHz System Validation Kit	D750V3	1117	Mar. 12, 2025	Mar. 11, 2026
SPEAG	750MHz System Validation Kit ⁽²⁾	D750V3	1117	Mar. 12, 2025	Mar. 10, 2027
SPEAG	750MHz System Validation Kit	D750V3	1107	Jun. 11, 2025	Jun. 10, 2026
SPEAG	835MHz System Validation Kit	D835V2	4d060	Feb. 17, 2025	Feb. 16, 2026
SPEAG	835MHz System Validation Kit	D835V2	4d167	Dec. 02, 2025	Dec. 01, 2026
SPEAG	1640MHz System Validation Kit	D1640V2	346	Aug. 14, 2025	Aug. 13, 2026
SPEAG	1750MHz System Validation Kit ⁽²⁾	D1750V2	1112	Feb. 20, 2025	Feb. 18, 2027
SPEAG	1750MHz System Validation Kit	D1750V2	1112	Feb. 20, 2025	Feb. 19, 2026
SPEAG	1900MHz System Validation Kit ⁽²⁾	D1900V2	5d041	Aug. 15, 2024	Aug. 13, 2026
SPEAG	1900MHz System Validation Kit	D1900V2	5d185	Jun. 11, 2025	Jun. 10, 2026
SPEAG	2000MHz System Validation Kit ⁽²⁾	D2000V2	1070	Mar. 13, 2025	Mar. 11, 2027
SPEAG	2000MHz System Validation Kit	D2000V2	1010	Dec. 04, 2025	Dec. 03, 2026
SPEAG	2300MHz System Validation Kit ⁽²⁾	D2300V2	1006	Jan. 14, 2025	Jan. 12, 2027
SPEAG	2300MHz System Validation Kit	D2300V2	1006	Jan. 14, 2025	Jan. 13, 2026
SPEAG	2450MHz System Validation Kit ⁽²⁾	D2450V2	736	Aug. 15, 2024	Aug. 13, 2026
SPEAG	2450MHz System Validation Kit	D2450V2	929	Nov. 12, 2025	Nov. 11, 2026
SPEAG	2600MHz System Validation Kit ⁽²⁾	D2600V2	1008	Aug. 15, 2024	Aug. 13, 2026
SPEAG	3500MHz System Validation Kit ⁽²⁾	D3500V2	1014	Jan. 15, 2025	Jan. 13, 2027
SPEAG	3500MHz System Validation Kit	D3500V2	1014	Jan. 15, 2025	Jan. 14, 2026
SPEAG	3700MHz System Validation Kit	D3700V2	1006	Jun. 12, 2025	Jun. 11, 2026
SPEAG	3900MHz System Validation Kit ⁽²⁾	D3900V2	1092	May. 15, 2023	May. 12, 2026
SPEAG	5GHz System Validation Kit ⁽²⁾	D5GHzV2	1006	Oct. 15, 2024	Oct. 13, 2026
SPEAG	6500MHz System Validation Kit	D6.5GHzV2	1083	Oct. 22, 2025	Oct. 21, 2026
SPEAG	5G Verification Source	10GHz	1020	Jan. 15, 2026	Jan. 14, 2027
SPEAG	13MHz System Validation Kit ⁽²⁾	CLA13	1011	Jul. 10, 2023	Jul. 07, 2026
SPEAG	Data Acquisition Electronics	DAE4ip	1800	Jun. 16, 2025	Jun. 15, 2026
SPEAG	Data Acquisition Electronics	DAE4	1697	Nov. 19, 2025	Nov. 18, 2026
SPEAG	Data Acquisition Electronics	DAE4	1707	Nov. 20, 2025	Nov. 19, 2026
SPEAG	Data Acquisition Electronics	DAE4	778	Jan. 15, 2026	Jan. 14, 2027
SPEAG	Data Acquisition Electronics	DAE4	1776	Feb. 12, 2025	Feb. 11, 2026
SPEAG	Data Acquisition Electronics	DAE4	656	Jan. 15, 2026	Jan. 14, 2027
SPEAG	Dosimetric E-Field Probe	EX3DV4	7814	Jun. 19, 2025	Jun. 18, 2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	3931	Oct. 23, 2025	Oct. 22, 2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7785	Nov. 26, 2025	Nov. 25, 2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7625	Dec. 09, 2025	Dec. 08, 2026
SPEAG	EUmmWV Probe Tip Protection	EUmmWV3	9424	Mar. 12, 2026	Mar. 11, 2027
SPEAG	Dielectric Probe Kit	DAK-3.5	1270	May. 19, 2025	May. 18, 2026
SPEAG	Dielectric Probe Kit	DAK-12	1156	Jul. 14, 2025	Jul. 13, 2026
Testo	Hygro meter	608-H1	45196600	Nov. 04, 2025	Nov. 03, 2026
Testo	Hygro meter	608-H1	45207528	Nov. 04, 2025	Nov. 03, 2026
Anritsu	Radio Communication Analyzer	MT8821C	6201074414	Aug. 19, 2025	Aug. 18, 2026
Keysight	5G Wireless Test Platform	E7515B	MY59321595	Jun. 20, 2025	Jun. 19, 2026
SPEAG	Device Holder	N/A	N/A	N/A	N/A
Anritsu	Signal Generator	MG3710A	6201502524	Sep. 24, 2025	Sep. 23, 2026
Keysight	ENA Network Analyzer	E5071C	MY46104758	Oct. 14, 2025	Oct. 13, 2026
LINE SEIKI	Digital Thermometer	DTM3000-spezial	3690	Aug. 14, 2025	Aug. 13, 2026
Anritsu	Power Meter	ML2496A	2119003	Jul. 14, 2025	Jul. 13, 2026
Anritsu	Power Sensor	MA2411B	1911334	Jul. 14, 2025	Jul. 13, 2026
Anritsu	Spectrum Analyzer	MS2830A	6201396378	Jul. 09, 2025	Jul. 08, 2026
Mini-Circuits	Power Amplifier	ZVE-3W-183+	031302302	Feb. 24, 2025	Feb. 23, 2026
Mini-Circuits	Power Amplifier	ZVE-3W-183+	072602118	Apr. 08, 2025	Apr. 07, 2026
Mini-Circuits	Power Amplifier	ZHL-42W+	715701915	May. 19, 2025	May. 18, 2026
ATM	Dual Directional Coupler	C122H-10	P610410z-02	Note 1	
Warison	Directional Coupler	WCOU-10-50S-10	WR889BMC4B1	Note 1	
Woken	Attenuator 1	WK0602-XX	N/A	Note 1	
PE	Attenuator 2	PE7005-10	N/A	Note 1	
PE	Attenuator 3	PE7005- 3	N/A	Note 1	

General Note:

- Prior to system verification and validation, the path loss from the signal generator to the system check source and the power meter, which includes the amplifier, cable, attenuator and directional coupler, was measured by the network analyzer. The reading of the power meter was offset by the path loss difference between the path to the power meter and the path to the system check source to monitor the actual power level fed to the system check source.
- The dipole calibration interval can be extended to 3 years with justification. The dipoles are also not physically damaged, or repaired during the interval. The justification data in appendix C can be found which the return loss is <-20dB, within 20% of prior calibration, the impedance is within 5 ohm of prior calibration for each dipole.

10. System Verification

10.1 Tissue Verification

The tissue dielectric parameters of tissue-equivalent media used for SAR measurements must be characterized within a temperature range of 18°C to 25°C, measured with calibrated instruments and apparatuses, such as network analyzers and temperature probes. The temperature of the tissue-equivalent medium during SAR measurement must also be within 18°C to 25°C and within $\pm 2^\circ\text{C}$ of the temperature when the tissue parameters are characterized. The tissue dielectric measurement system must be calibrated before use. The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements.

The liquid tissue depth was at least 15cm in the phantom for all SAR testing

The SPEAG Dasy Measurement system implement a SAR error compensation algorithm as documented in IEEE Std 1528-2013 to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, according to KDB 865664 D01 and IEC/IEEE 62209-1528, the tolerance for "Delta (σ)" and "Delta (ϵ_r)" can be relaxed to $\pm 10\%$

< Tissue Dielectric Parameter Check Results >

Frequency (MHz)	Liquid Temp (°C)	Conductivity (σ)	Permittivity (ϵ_r)	Conductivity Target (σ)	Permittivity Target (ϵ_r)	Delta (σ) (%)	Delta (ϵ_r) (%)	Limit (%)	Date
750	22.5	0.901	42.6	0.89	41.9	1.24	1.67	± 10.0	2026-01-06
750	22.5	0.888	42.4	0.89	41.9	-0.22	1.19	± 10.0	2026-01-18
750	22.3	0.893	44.4	0.89	41.9	0.34	5.97	± 10.0	2026-02-02
750	22.4	0.893	44.4	0.89	41.9	0.34	5.97	± 10.0	2026-02-03
750	22.5	0.898	43.1	0.89	41.9	0.90	2.86	± 10.0	2026-02-05
750	22.6	0.896	43.0	0.89	41.9	0.67	2.63	± 10.0	2026-02-06
750	22.4	0.886	44.6	0.89	41.9	-0.45	6.44	± 10.0	2026-02-08
750	22.8	0.897	42.9	0.89	41.9	0.79	2.39	± 10.0	2026-02-17
750	22.9	0.902	42.8	0.89	41.9	1.35	2.15	± 10.0	2026-02-19
750	22.5	0.886	42.3	0.89	41.9	-0.45	0.95	± 10.0	2026-02-20
750	22.2	0.891	42.5	0.89	41.9	0.11	1.43	± 10.0	2026-03-02
750	22.3	0.906	42.8	0.89	41.9	1.80	2.15	± 10.0	2026-03-03
750	22.5	0.897	45.0	0.89	41.9	0.79	7.40	± 10.0	2026-03-19
750	22.5	0.906	42.0	0.89	41.9	1.80	0.24	± 10.0	2026-04-02
835	22.5	0.908	42.1	0.9	41.5	0.89	1.45	± 10.0	2026-01-05
835	22.5	0.923	42.1	0.9	41.5	2.56	1.45	± 10.0	2026-01-05
835	22.5	0.917	42.2	0.9	41.5	1.89	1.69	± 10.0	2026-01-18
835	22.4	0.917	42.3	0.9	41.5	1.89	1.93	± 10.0	2026-01-31
835	22.4	0.92	44.2	0.9	41.5	2.22	6.51	± 10.0	2026-02-03
835	22.5	0.928	42.9	0.9	41.5	3.11	3.37	± 10.0	2026-02-05
835	22.6	0.927	42.8	0.9	41.5	3.00	3.13	± 10.0	2026-02-06
835	22.4	0.916	44.4	0.9	41.5	1.78	6.99	± 10.0	2026-02-08
835	22.8	0.927	42.6	0.9	41.5	3.00	2.65	± 10.0	2026-02-17
835	22.9	0.933	42.5	0.9	41.5	3.67	2.41	± 10.0	2026-02-19
835	22.5	0.915	42.1	0.9	41.5	1.67	1.45	± 10.0	2026-02-20
835	22.2	0.921	42.3	0.9	41.5	2.33	1.93	± 10.0	2026-03-02
835	22.3	0.938	42.5	0.9	41.5	4.22	2.41	± 10.0	2026-03-03
835	22.7	0.928	42.6	0.9	41.5	3.11	2.65	± 10.0	2026-03-07
835	22.7	0.914	42.5	0.9	41.5	1.56	2.41	± 10.0	2026-03-12
835	22.2	0.912	42.0	0.9	41.5	1.33	1.20	± 10.0	2026-03-14
835	22.5	0.938	41.8	0.9	41.5	4.22	0.72	± 10.0	2026-04-02
1640	22.1	1.3	43.0	1.31	40.23	-0.76	6.89	± 10.0	2026-03-21
1640	22.8	1.26	43.6	1.31	40.23	-3.82	8.38	± 10.0	2026-04-08
1750	22.5	1.35	43.4	1.37	40.1	-1.46	8.23	± 10.0	2026-01-03
1750	22.5	1.33	40.4	1.37	40.1	-2.92	0.75	± 10.0	2026-01-05
1750	22.5	1.37	40.8	1.37	40.1	0.00	1.75	± 10.0	2026-01-05
1750	22.5	1.34	42.4	1.37	40.1	-2.19	5.74	± 10.0	2026-01-15
1750	22.5	1.37	40.8	1.37	40.1	0.00	1.75	± 10.0	2026-01-15
1750	22.5	1.36	40.8	1.37	40.1	-0.73	1.75	± 10.0	2026-01-20
1750	22.5	1.37	41.9	1.37	40.1	0.00	4.49	± 10.0	2026-01-21
1750	22.4	1.36	41.7	1.37	40.1	-0.73	3.99	± 10.0	2026-01-27
1750	22.5	1.33	40.9	1.37	40.1	-2.92	2.00	± 10.0	2026-01-30
1750	22.3	1.33	39.7	1.37	40.1	-2.92	-1.00	± 10.0	2026-02-01
1750	22.3	1.36	40.5	1.37	40.1	-0.73	1.00	± 10.0	2026-02-22
1750	22.3	1.36	40.7	1.37	40.1	-0.73	1.50	± 10.0	2026-02-23
1750	22.2	1.31	43.1	1.37	40.1	-4.38	7.48	± 10.0	2026-02-26
1750	22.1	1.38	40.9	1.37	40.1	0.73	2.00	± 10.0	2026-03-01
1750	22.5	1.38	40.7	1.37	40.1	0.73	1.50	± 10.0	2026-03-05
1750	22.6	1.37	40.9	1.37	40.1	0.00	2.00	± 10.0	2026-03-06
1750	22.5	1.33	40.7	1.37	40.1	-2.92	1.50	± 10.0	2026-03-11



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1750	22.7	1.35	40.8	1.37	40.1	-1.46	1.75	±10.0	2026-03-12
1750	22.2	1.37	40.8	1.37	40.1	0.00	1.75	±10.0	2026-03-12
1750	22.5	1.33	43.4	1.37	40.1	-2.92	8.23	±10.0	2026-04-05
1900	22.5	1.44	43.2	1.4	40.0	2.86	8.00	±10.0	2026-01-03
1900	22.5	1.41	40.1	1.4	40.0	0.71	0.25	±10.0	2026-01-05
1900	22.5	1.43	40.4	1.4	40.0	2.14	1.00	±10.0	2026-01-05
1900	22.5	1.45	40.5	1.4	40.0	3.57	1.25	±10.0	2026-01-15
1900	22.5	1.43	40.4	1.4	40.0	2.14	1.00	±10.0	2026-01-17
1900	22.5	1.44	40.5	1.4	40.0	2.86	1.25	±10.0	2026-01-20
1900	22.5	1.47	41.7	1.4	40.0	5.00	4.25	±10.0	2026-01-21
1900	22.5	1.43	40.3	1.4	40.0	2.14	0.75	±10.0	2026-01-30
1900	22.5	1.42	40.2	1.4	40.0	1.43	0.50	±10.0	2026-01-31
1900	22.3	1.41	39.5	1.4	40.0	0.71	-1.25	±10.0	2026-02-01
1900	22.4	1.45	40.8	1.4	40.0	3.57	2.00	±10.0	2026-02-21
1900	22.3	1.43	40.3	1.4	40.0	2.14	0.75	±10.0	2026-02-22
1900	22.3	1.44	40.4	1.4	40.0	2.86	1.00	±10.0	2026-02-23
1900	22.2	1.4	42.8	1.4	40.0	0.00	7.00	±10.0	2026-02-26
1900	22.1	1.47	40.6	1.4	40.0	5.00	1.50	±10.0	2026-03-01
1900	22.5	1.47	41.7	1.4	40.0	5.00	4.25	±10.0	2026-03-05
1900	22.5	1.46	40.4	1.4	40.0	4.29	1.00	±10.0	2026-03-06
1900	22.6	1.45	40.6	1.4	40.0	3.57	1.50	±10.0	2026-03-06
1900	22.2	1.42	40.0	1.4	40.0	1.43	0.00	±10.0	2026-03-14
1900	22.5	1.47	39.9	1.4	40.0	5.00	-0.25	±10.0	2026-03-28
2000	22.6	1.48	40.0	1.4	40.0	5.71	0.00	±10.0	2026-03-16
2000	22.1	1.52	42.5	1.4	40.0	8.57	6.25	±10.0	2026-03-21
2000	22.8	1.47	43.1	1.4	40.0	5.00	7.75	±10.0	2026-04-08
2300	22.4	1.71	42.7	1.67	39.5	2.40	8.10	±10.0	2026-01-04
2300	22.5	1.72	39.9	1.67	39.5	2.99	1.01	±10.0	2026-01-20
2300	22.3	1.78	41.5	1.67	39.5	6.59	5.06	±10.0	2026-02-02
2300	22.6	1.72	40.2	1.67	39.5	2.99	1.77	±10.0	2026-02-12
2300	22.3	1.73	39.9	1.67	39.5	3.59	1.01	±10.0	2026-02-23
2300	22.2	1.74	40.0	1.67	39.5	4.19	1.27	±10.0	2026-03-02
2600	22.4	1.94	42.3	1.96	39.0	-1.02	8.46	±10.0	2026-01-04
2600	22.5	1.93	41.1	1.96	39.0	-1.53	5.38	±10.0	2026-01-14
2600	22.6	1.95	38.9	1.96	39.0	-0.51	-0.26	±10.0	2026-01-19
2600	22.5	1.95	39.4	1.96	39.0	-0.51	1.03	±10.0	2026-01-20
2600	22.4	1.94	39.7	1.96	39.0	-1.02	1.79	±10.0	2026-01-23
2600	22.5	1.93	39.9	1.96	39.0	-1.53	2.31	±10.0	2026-01-24
2600	22.3	2.02	41.1	1.96	39.0	3.06	5.38	±10.0	2026-02-02
2600	22.6	1.98	39.5	1.96	39.0	1.02	1.28	±10.0	2026-02-12
2600	22.6	1.97	39.6	1.96	39.0	0.51	1.54	±10.0	2026-02-16
2600	22.3	1.96	39.3	1.96	39.0	0.00	0.77	±10.0	2026-02-23
2600	22.2	1.97	39.6	1.96	39.0	0.51	1.54	±10.0	2026-03-02
2600	22.2	1.97	39.5	1.96	39.0	0.51	1.28	±10.0	2026-03-02
2600	22.5	1.93	39.1	1.96	39.0	-1.53	0.26	±10.0	2026-03-12
2600	22.2	1.97	39.5	1.96	39.0	0.51	1.28	±10.0	2026-03-12
2600	22.5	1.93	39.2	1.96	39.0	-1.53	0.51	±10.0	2026-04-01
2600	22.4	1.95	42.1	1.96	39.0	-0.51	7.95	±10.0	2026-04-04
2600	22.7	1.96	41.0	1.96	39.0	0.00	5.13	±10.0	2026-04-08
3500	22.5	2.71	40.8	2.91	37.9	-6.87	7.65	±10.0	2026-01-03
3500	22.5	2.71	37.8	2.91	37.9	-6.87	-0.26	±10.0	2026-01-05
3500	22.4	2.75	37.9	2.91	37.9	-5.50	0.00	±10.0	2026-01-22
3500	22.4	2.65	40.6	2.91	37.9	-8.93	7.12	±10.0	2026-02-02
3500	22.8	2.68	39.5	2.91	37.9	-7.90	4.22	±10.0	2026-02-03
3500	22.2	2.74	38.2	2.91	37.9	-5.84	0.79	±10.0	2026-02-04
3500	22.7	2.72	39.6	2.91	37.9	-6.53	4.49	±10.0	2026-02-07
3500	22.5	2.71	37.6	2.91	37.9	-6.87	-0.79	±10.0	2026-02-10
3500	22.1	2.75	38.0	2.91	37.9	-5.50	0.26	±10.0	2026-02-11
3500	22.5	2.71	37.7	2.91	37.9	-6.87	-0.53	±10.0	2026-02-13
3500	22.8	2.74	38.0	2.91	37.9	-5.84	0.26	±10.0	2026-02-18
3500	22.4	2.79	38.0	2.91	37.9	-4.12	0.26	±10.0	2026-02-24
3500	22.2	2.75	37.9	2.91	37.9	-5.50	0.00	±10.0	2026-03-02
3500	22.5	2.82	38.3	2.91	37.9	-3.09	1.06	±10.0	2026-03-09
3500	22.2	2.69	37.3	2.91	37.9	-7.56	-1.58	±10.0	2026-03-14
3500	22.5	2.77	40.1	2.91	37.9	-4.81	5.80	±10.0	2026-03-19
3500	22.5	2.81	38.0	2.91	37.9	-3.44	0.26	±10.0	2026-04-01
3700	22.5	2.89	40.5	3.12	37.7	-7.37	7.43	±10.0	2026-01-03
3700	22.5	2.82	37.2	3.12	37.7	-9.62	-1.33	±10.0	2026-01-05
3700	22.4	2.93	37.6	3.12	37.7	-6.09	-0.27	±10.0	2026-01-22
3700	22.4	2.83	40.3	3.12	37.7	-9.29	6.90	±10.0	2026-02-02
3700	22.8	2.86	39.1	3.12	37.7	-8.33	3.71	±10.0	2026-02-03
3700	22.2	2.93	37.9	3.12	37.7	-6.09	0.53	±10.0	2026-02-04
3700	22.7	2.9	39.3	3.12	37.7	-7.05	4.24	±10.0	2026-02-07
3700	22.5	2.89	37.3	3.12	37.7	-7.37	-1.06	±10.0	2026-02-10



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3700	22.1	2.92	37.6	3.12	37.7	-6.41	-0.27	±10.0	2026-02-11
3700	22.5	2.86	37.4	3.12	37.7	-8.33	-0.80	±10.0	2026-02-13
3700	22.8	2.93	37.7	3.12	37.7	-6.09	0.00	±10.0	2026-02-18
3700	22.4	2.97	37.7	3.12	37.7	-4.81	0.00	±10.0	2026-02-24
3700	22.2	2.93	37.5	3.12	37.7	-6.09	-0.53	±10.0	2026-03-02
3700	22.5	3.0	38.0	3.12	37.7	-3.85	0.80	±10.0	2026-03-09
3700	22.2	2.87	37.0	3.12	37.7	-8.01	-1.86	±10.0	2026-03-14
3700	22.5	2.95	39.8	3.12	37.7	-5.45	5.57	±10.0	2026-03-19
3700	22.5	2.98	37.8	3.12	37.7	-4.49	0.27	±10.0	2026-04-01
3900	22.7	3.1	39.0	3.33	37.51	-6.91	3.97	±10.0	2026-02-07
3900	22.5	3.05	37.0	3.33	37.51	-8.41	-1.36	±10.0	2026-02-10
3900	22.1	3.09	37.4	3.33	37.51	-7.21	-0.29	±10.0	2026-02-11
3900	22.5	3.02	37.2	3.33	37.51	-9.31	-0.83	±10.0	2026-02-13
3900	22.8	3.11	37.4	3.33	37.51	-6.61	-0.29	±10.0	2026-02-18
3900	22.2	3.1	37.2	3.33	37.51	-6.91	-0.83	±10.0	2026-03-02
3900	22.5	3.18	37.7	3.33	37.51	-4.50	0.51	±10.0	2026-03-09
3900	22.5	3.11	36.9	3.33	37.51	-6.61	-1.63	±10.0	2026-04-01
2450	22.5	1.830	42.700	1.80	39.20	1.67	8.93	±10	2026/3/10
2450	22.5	1.810	39.400	1.80	39.20	0.56	0.51	±10	2026/3/12
2450	22.5	1.840	39.600	1.80	39.20	2.22	1.02	±10	2026/3/15
2450	22.5	1.770	39.500	1.80	39.20	-1.67	0.77	±10	2026/3/18
2450	22.5	1.860	39.900	1.80	39.20	3.33	1.79	±10	2026/3/25
2450	22.5	1.820	39.000	1.80	39.20	1.11	-0.51	±10	2026/3/27
5250	22.6	4.520	34.400	4.71	35.95	-4.03	-4.31	±10	2026/1/19
5250	22.5	4.530	34.600	4.71	35.95	-3.82	-3.76	±10	2026/3/5
5250	22.8	4.500	34.800	4.71	35.95	-4.46	-3.20	±10	2026/3/11
5250	22.5	4.560	34.700	4.71	35.95	-3.18	-3.48	±10	2026/3/15
5250	22.7	4.510	34.600	4.71	35.95	-4.25	-3.76	±10	2026/3/17
5250	22.5	4.540	34.700	4.71	35.95	-3.61	-3.48	±10	2026/3/23
5600	22.6	4.900	33.800	5.07	35.50	-3.35	-4.79	±10	2026/1/19
5600	22.5	4.870	34.200	5.07	35.50	-3.94	-3.66	±10	2026/3/5
5600	22.8	4.870	34.100	5.07	35.50	-3.94	-3.94	±10	2026/3/11
5600	22.5	4.930	34.000	5.07	35.50	-2.76	-4.23	±10	2026/3/15
5600	22.7	4.830	33.800	5.07	35.50	-4.73	-4.79	±10	2026/3/17
5600	22.5	4.880	33.900	5.07	35.50	-3.75	-4.51	±10	2026/3/23
5800	22.6	5.120	33.500	5.27	35.30	-2.85	-5.10	±10	2026/1/19
5800	22.5	5.110	33.700	5.27	35.30	-3.04	-4.53	±10	2026/3/5
5800	22.8	5.120	33.800	5.27	35.30	-2.85	-4.25	±10	2026/3/11
5800	22.5	5.180	33.700	5.27	35.30	-1.71	-4.53	±10	2026/3/15
5800	22.7	5.170	33.400	5.27	35.30	-1.90	-5.38	±10	2026/3/17
5800	22.5	5.180	33.300	5.27	35.30	-1.71	-5.67	±10	2026/3/23
6500	22.5	6.100	32.400	6.07	34.50	0.49	-6.09	±10	2026/3/27
6500	22.5	6.060	32.400	6.07	34.50	-0.16	-6.09	±10	2026/3/28
6500	22.5	6.110	32.700	6.07	34.50	0.66	-5.22	±10	2026/3/28
6500	22.5	6.190	34.100	6.07	34.50	1.98	-1.16	±10	2026/4/15
13	23.5	0.719	53.500	0.75	55.00	-4.13	-2.73	±10	2026/4/10



10.2 System Performance Check Results

Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 10 %. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

Test Site	Date	Frequency (MHz)	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 1g SAR (W/kg)	Targeted 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)
SAR18	2026-01-06	750	251.19	D750V3 - 1117	EX3DV4 - SN7625	DAE4ip Sn1800	2.260	8.600	8.997	4.62	1.500	5.570	5.972	7.21
SAR19	2026-01-18	750	251.19	D750V3 - 1117	EX3DV4 - SN7785	DAE4 Sn1707	2.050	8.600	8.161	-5.10	1.360	5.570	5.414	-2.80
SAR20	2026-02-02	750	251.19	D750V3 - 1117	EX3DV4 - SN7814	DAE4 Sn1776	2.150	8.600	8.559	-0.47	1.430	5.570	5.693	2.21
SAR20	2026-02-03	750	251.19	D750V3 - 1117	EX3DV4 - SN7814	DAE4 Sn1776	2.290	8.600	9.117	6.01	1.520	5.570	6.051	8.64
SAR20	2026-02-05	750	251.19	D750V3 - 1117	EX3DV4 - SN7814	DAE4 Sn778	2.020	8.600	8.042	-6.49	1.340	5.570	5.335	-4.23
SAR20	2026-02-06	750	251.19	D750V3 - 1117	EX3DV4 - SN7814	DAE4 Sn778	2.050	8.600	8.161	-5.10	1.360	5.570	5.414	-2.80
SAR20	2026-02-08	750	251.19	D750V3 - 1117	EX3DV4 - SN7814	DAE4 Sn778	2.130	8.600	8.480	-1.40	1.410	5.570	5.613	0.78
SAR18	2026-02-17	750	251.19	D750V3 - 1117	EX3DV4 - SN7625	DAE4ip Sn1800	2.120	8.600	8.440	-1.86	1.410	5.570	5.613	0.78
SAR18	2026-02-19	750	50.12	D750V3 - 1117	EX3DV4 - SN7625	DAE4ip Sn1800	0.415	8.600	8.280	-3.72	0.276	5.570	5.507	-1.13
SAR19	2026-02-20	750	251.19	D750V3 - 1117	EX3DV4 - SN7785	DAE4 Sn1707	2.180	8.600	8.679	0.91	1.450	5.570	5.773	3.64
SAR18	2026-03-02	750	251.19	D750V3 - 1117	EX3DV4 - SN7625	DAE4ip Sn1800	2.020	8.600	8.042	-6.49	1.340	5.570	5.335	-4.23
SAR20	2026-03-03	750	251.19	D750V3 - 1117	EX3DV4 - SN7814	DAE4 Sn778	2.260	8.600	8.997	4.62	1.500	5.570	5.972	7.21
SAR19	2026-03-19	750	251.19	D750V3 - 1117	EX3DV4 - SN7785	DAE4 Sn1707	2.260	8.600	8.997	4.62	1.520	5.570	6.051	8.64
SAR19	2026-04-02	750	251.19	D750V3 - 1107	EX3DV4 - SN7785	DAE4 Sn1707	2.270	8.840	9.037	2.23	1.510	5.810	6.011	3.47
SAR20	2026-01-05	835	251.19	D835V2 - 4d060	EX3DV4 - SN7814	DAE4 Sn1776	2.430	9.280	9.674	4.25	1.600	6.010	6.370	5.98
SAR18	2026-01-05	835	251.19	D835V2 - 4d060	EX3DV4 - SN7625	DAE4ip Sn1800	2.460	9.280	9.793	5.53	1.620	6.010	6.449	7.31
SAR19	2026-01-18	835	251.19	D835V2 - 4d167	EX3DV4 - SN7785	DAE4 Sn1707	2.230	9.360	8.878	-5.15	1.470	6.050	5.852	-3.27
SAR20	2026-01-31	835	251.19	D835V2 - 4d167	EX3DV4 - SN7814	DAE4 Sn1776	2.420	9.360	9.634	2.93	1.600	6.050	6.370	5.28
SAR20	2026-02-03	835	251.19	D835V2 - 4d060	EX3DV4 - SN7814	DAE4 Sn1776	2.540	9.280	10.112	8.96	1.610	6.010	6.409	6.65
SAR20	2026-02-05	835	251.19	D835V2 - 4d167	EX3DV4 - SN7814	DAE4 Sn778	2.510	9.360	9.992	6.76	1.650	6.050	6.569	8.57
SAR20	2026-02-06	835	251.19	D835V2 - 4d167	EX3DV4 - SN7814	DAE4 Sn778	2.500	9.360	9.953	6.33	1.650	6.050	6.569	8.57
SAR20	2026-02-08	835	251.19	D835V2 - 4d167	EX3DV4 - SN7814	DAE4 Sn778	2.360	9.360	9.395	0.38	1.560	6.050	6.210	2.65
SAR18	2026-02-17	835	251.19	D835V2 - 4d167	EX3DV4 - SN7625	DAE4ip Sn1800	2.480	9.360	9.873	5.48	1.640	6.050	6.529	7.92
SAR18	2026-02-19	835	50.12	D835V2 - 4d167	EX3DV4 - SN7625	DAE4ip Sn1800	0.488	9.360	9.737	4.02	0.322	6.050	6.425	6.19
SAR19	2026-02-20	835	251.19	D835V2 - 4d167	EX3DV4 - SN7785	DAE4 Sn1707	2.570	9.360	10.231	9.31	1.600	6.050	6.370	5.28
SAR18	2026-03-02	835	251.19	D835V2 - 4d167	EX3DV4 - SN7625	DAE4ip Sn1800	2.380	9.360	9.475	1.23	1.570	6.050	6.250	3.31
SAR20	2026-03-03	835	251.19	D835V2 - 4d167	EX3DV4 - SN7814	DAE4 Sn778	2.530	9.360	10.072	7.61	1.660	6.050	6.609	9.23
SAR20	2026-03-07	835	251.19	D835V2 - 4d167	EX3DV4 - SN7814	DAE4 Sn778	2.430	9.360	9.674	3.35	1.600	6.050	6.370	5.28
SAR18	2026-03-12	835	251.19	D835V2 - 4d167	EX3DV4 - SN7625	DAE4ip Sn1800	2.410	9.360	9.594	2.50	1.590	6.050	6.330	4.63
SAR19	2026-03-14	835	251.19	D835V2 - 4d167	EX3DV4 - SN7785	DAE4 Sn1707	2.370	9.360	9.435	0.80	1.570	6.050	6.250	3.31
SAR19	2026-04-02	835	251.19	D835V2 - 4d167	EX3DV4 - SN7785	DAE4 Sn1707	2.220	9.360	8.838	-5.58	1.470	6.050	5.852	-3.27
SAR19	2026-03-21	1640	50.12	D1640V2 - 346	EX3DV4 - SN7785	DAE4 Sn1707	1.680	34.200	33.520	-1.99	0.905	18.600	18.057	-2.92
SAR19	2026-04-08	1640	50.12	D1640V2 - 346	EX3DV4 - SN7785	DAE4 Sn1707	1.700	34.200	33.919	-0.82	0.911	18.600	18.176	-2.28
SAR20	2026-01-03	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.820	36.300	36.313	0.04	0.960	19.300	19.154	-0.76
SAR20	2026-01-05	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.760	36.300	35.116	-3.26	0.929	19.300	18.536	-3.96
SAR18	2026-01-05	1750	251.19	D1750V2 - 1112	EX3DV4 - SN7625	DAE4ip Sn1800	9.200	36.300	36.626	0.90	4.910	19.300	19.547	1.28
SAR19	2026-01-15	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7785	DAE4 Sn1707	1.740	36.300	34.717	-4.36	0.919	19.300	18.336	-4.99
SAR20	2026-01-15	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.770	36.300	35.315	-2.71	0.940	19.300	18.755	-2.82
SAR19	2026-01-20	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7785	DAE4 Sn1707	1.740	36.300	34.717	-4.36	0.926	19.300	18.476	-4.27
SAR20	2026-01-21	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.770	36.300	35.315	-2.71	0.939	19.300	18.735	-2.93
SAR20	2026-01-27	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.780	36.300	35.515	-2.16	0.943	19.300	18.815	-2.51
SAR20	2026-01-30	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.730	36.300	34.517	-4.91	0.915	19.300	18.256	-5.41
SAR20	2026-02-01	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn1776	1.770	36.300	35.315	-2.71	0.941	19.300	18.775	-2.72
SAR19	2026-02-22	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7785	DAE4 Sn1707	1.750	36.300	34.916	-3.81	0.935	19.300	18.655	-3.34
SAR19	2026-02-23	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7785	DAE4 Sn1707	1.790	36.300	35.714	-1.61	0.950	19.300	18.955	-1.79
SAR20	2026-02-26	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn778	1.780	36.300	35.515	-2.16	0.935	19.300	18.655	-3.34
SAR20	2026-03-01	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn778	1.830	36.300	36.512	0.59	0.972	19.300	19.393	0.48
SAR20	2026-03-05	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn778	1.810	36.300	36.113	-0.51	0.963	19.300	19.214	-0.45
SAR18	2026-03-06	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7625	DAE4ip Sn1800	1.780	36.300	35.515	-2.16	0.949	19.300	18.935	-1.89
SAR20	2026-03-11	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7814	DAE4 Sn778	1.750	36.300	34.916	-3.81	0.923	19.300	18.416	-4.58
SAR18	2026-03-12	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7625	DAE4ip Sn1800	1.770	36.300	35.315	-2.71	0.940	19.300	18.755	-2.82
SAR19	2026-03-12	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7785	DAE4 Sn1707	1.750	36.300	34.916	-3.81	0.935	19.300	18.655	-3.34
SAR19	2026-04-05	1750	50.12	D1750V2 - 1112	EX3DV4 - SN7785	DAE4 Sn1707	1.800	36.300	35.914	-1.06	0.949	19.300	18.935	-1.89
SAR20	2026-01-03	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7814	DAE4 Sn1776	1.880	39.600	37.510	-5.28	0.985	20.800	19.653	-5.52
SAR20	2026-01-05	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7814	DAE4 Sn1776	1.930	39.600	38.508	-2.76	0.997	20.800	19.892	-4.36
SAR18	2026-01-05	1900	251.19	D1900V2 - 5d185	EX3DV4 - SN7625	DAE4ip Sn1800	10.300	39.600	41.005	3.55	5.350	20.800	21.299	2.40
SAR20	2026-01-15	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7814	DAE4 Sn1776	2.000	39.600	39.904	0.77	1.040	20.800	20.750	-0.24
SAR19	2026-01-17	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7785	DAE4 Sn1707	1.960	39.200	39.106	-0.24	1.020	20.700	20.351	-1.69
SAR19	2026-01-20	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7785	DAE4 Sn1707	1.950	39.200	38.907	-0.75	1.020	20.700	20.351	-1.69
SAR20	2026-01-21	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7814	DAE4 Sn1776	2.000	39.600	39.904	0.77	1.040	20.800	20.750	-0.24
SAR20	2026-01-30	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7814	DAE4 Sn1776	1.920	39.600	38.308	-3.26	0.997	20.800	19.892	-4.36
SAR20	2026-01-31	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7814	DAE4 Sn1776	1.980	39.200	39.505	0.78	1.030	20.700	20.551	-0.72
SAR20	2026-02-01	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7814	DAE4 Sn1776	1.960	39.200	39.106	-0.24	1.020	20.700	20.351	-1.69
SAR20	2026-02-21	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7814	DAE4 Sn778	1.960	39.200	39.106	-0.24	1.020	20.700	20.351	-1.69
SAR19	2026-02-22	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7785	DAE4 Sn1707	1.960	39.200	39.106	-0.24	1.020	20.700	20.351	-1.69



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SAR19	2026-02-23	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7785	DAE4 Sn1707	2.040	39.600	40.702	2.78	1.060	20.800	21.149	1.68
SAR20	2026-02-26	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7814	DAE4 Sn778	1.950	39.200	38.907	-0.75	1.010	20.700	20.152	-2.65
SAR20	2026-03-01	1900	50.12	D1900V2 - 5d041	EX3DV4 - SN7814	DAE4 Sn778	2.060	39.200	41.101	4.85	1.070	20.700	21.349	3.13
SAR18	2026-03-05	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7625	DAE4ip Sn1800	2.060	39.600	41.101	3.79	1.070	20.800	21.349	2.64
SAR20	2026-03-06	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7814	DAE4 Sn778	2.010	39.600	40.104	1.27	1.040	20.800	20.750	-0.24
SAR18	2026-03-06	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7625	DAE4ip Sn1800	1.990	39.600	39.705	0.26	1.040	20.800	20.750	-0.24
SAR19	2026-03-14	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7785	DAE4 Sn1707	2.010	39.600	40.104	1.27	1.050	20.800	20.950	0.72
SAR19	2026-03-28	1900	50.12	D1900V2 - 5d185	EX3DV4 - SN7785	DAE4 Sn1707	2.070	39.600	41.301	4.30	1.080	20.800	21.548	3.60
SAR19	2026-03-16	2000	50.12	D2000V2 - 1070	EX3DV4 - SN7785	DAE4 Sn1707	2.080	41.000	41.500	1.22	1.060	21.300	21.149	-0.71
SAR19	2026-03-21	2000	50.12	D2000V2 - 1070	EX3DV4 - SN7785	DAE4 Sn1707	2.100	41.000	41.899	2.19	1.070	21.300	21.349	0.23
SAR19	2026-04-08	2000	50.12	D2000V2 - 1010	EX3DV4 - SN7785	DAE4 Sn1707	2.090	41.000	41.700	1.71	1.070	21.500	21.349	-0.70
SAR20	2026-01-04	2300	251.19	D2300V2 - 1006	EX3DV4 - SN7814	DAE4 Sn1776	12.800	48.200	50.957	5.72	6.130	23.200	24.404	5.19
SAR20	2026-01-20	2300	50.12	D2300V2 - 1006	EX3DV4 - SN7814	DAE4 Sn1776	2.450	48.200	48.883	1.42	1.170	23.200	23.344	0.62
SAR20	2026-02-02	2300	50.12	D2300V2 - 1006	EX3DV4 - SN7814	DAE4 Sn1776	2.500	48.200	49.880	3.49	1.190	23.200	23.743	2.34
SAR18	2026-02-12	2300	251.19	D2300V2 - 1006	EX3DV4 - SN7625	DAE4ip Sn1800	12.700	48.200	50.559	4.89	6.040	23.200	24.046	3.64
SAR19	2026-02-23	2300	50.12	D2300V2 - 1006	EX3DV4 - SN7785	DAE4 Sn1707	2.480	48.200	49.481	2.66	1.190	23.200	23.743	2.34
SAR20	2026-03-02	2300	50.12	D2300V2 - 1006	EX3DV4 - SN7814	DAE4 Sn778	2.480	48.200	49.481	2.66	1.190	23.200	23.743	2.34
SAR20	2026-01-04	2600	251.19	D2600V2 - 1008	EX3DV4 - SN7814	DAE4 Sn1776	13.900	55.700	55.337	-0.65	6.210	25.300	24.722	-2.28
SAR19	2026-01-14	2600	47.86	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.500	55.700	52.236	-6.22	1.120	25.300	23.402	-7.50
SAR19	2026-01-19	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.740	55.700	54.669	-1.85	1.220	25.300	24.342	-3.79
SAR20	2026-01-20	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7814	DAE4 Sn1776	2.640	55.700	52.674	-5.43	1.180	25.300	23.543	-6.94
SAR20	2026-01-23	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7814	DAE4 Sn1776	2.680	55.700	53.472	-4.00	1.190	25.300	23.743	-6.15
SAR20	2026-01-24	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7814	DAE4 Sn1776	2.580	55.700	51.476	-7.58	1.150	25.300	22.945	-9.31
SAR20	2026-02-02	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7814	DAE4 Sn1776	2.690	55.700	53.671	-3.64	1.210	25.300	24.142	-4.58
SAR18	2026-02-12	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7625	DAE4ip Sn1800	2.680	55.700	53.472	-4.00	1.200	25.300	23.943	-5.37
SAR18	2026-02-16	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7625	DAE4ip Sn1800	2.650	55.700	52.873	-5.08	1.190	25.300	23.743	-6.15
SAR19	2026-02-23	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.820	55.700	56.265	1.01	1.250	25.300	24.940	-1.42
SAR20	2026-03-02	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7814	DAE4 Sn778	2.740	55.700	54.669	-1.85	1.230	25.300	24.541	-3.00
SAR19	2026-03-02	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.530	55.700	50.479	-9.37	1.150	25.300	22.945	-9.31
SAR21	2026-03-12	2600	50.12	D2600V2 - 1008	EX3DV4 - SN3931	DAE4 Sn1697	2.910	55.700	58.061	4.24	1.290	25.300	25.738	1.73
SAR19	2026-03-12	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.560	55.700	51.077	-8.30	1.150	25.300	22.945	-9.31
SAR19	2026-04-01	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.550	55.700	50.878	-8.66	1.150	25.300	22.945	-9.31
SAR19	2026-04-04	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7785	DAE4 Sn1707	2.840	55.700	56.664	1.73	1.260	25.300	25.140	-0.63
SAR18	2026-04-08	2600	50.12	D2600V2 - 1008	EX3DV4 - SN7625	DAE4ip Sn1800	2.620	55.700	52.275	-6.15	1.180	25.300	23.543	-6.94
SAR20	2026-01-03	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7814	DAE4 Sn1776	3.070	65.700	61.253	-6.77	1.190	24.900	23.743	-4.65
SAR18	2026-01-05	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7625	DAE4ip Sn1800	3.200	65.700	63.847	-2.82	1.210	24.900	24.142	-3.04
SAR20	2026-01-22	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7814	DAE4 Sn1776	3.170	65.700	63.248	-3.73	1.200	24.900	23.943	-3.85
SAR18	2026-02-02	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7625	DAE4ip Sn1800	3.140	65.700	62.650	-4.64	1.170	24.900	23.344	-6.25
SAR18	2026-02-03	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7625	DAE4ip Sn1800	3.170	65.700	63.248	-3.73	1.190	24.900	23.743	-4.65
SAR20	2026-02-04	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7814	DAE4 Sn778	3.240	65.700	64.645	-1.61	1.240	24.900	24.741	-0.64
SAR20	2026-02-07	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7814	DAE4 Sn778	3.280	65.700	65.443	-0.39	1.240	24.900	24.741	-0.64
SAR21	2026-02-10	3500	50.12	D3500V2 - 1014	EX3DV4 - SN3931	DAE4 Sn1697	3.050	65.700	60.854	-7.38	1.150	24.900	22.945	-7.85
SAR18	2026-02-11	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7625	DAE4ip Sn1800	3.180	65.700	63.448	-3.43	1.220	24.900	24.342	-2.24
SAR21	2026-02-13	3500	50.12	D3500V2 - 1014	EX3DV4 - SN3931	DAE4 Sn1697	3.020	65.700	60.255	-8.29	1.150	24.900	22.945	-7.85
SAR18	2026-02-18	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7625	DAE4ip Sn1800	3.230	65.700	64.445	-1.91	1.230	24.900	24.541	-1.44
SAR19	2026-02-24	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7785	DAE4 Sn1707	3.470	65.700	69.234	5.38	1.330	24.900	26.536	6.57
SAR19	2026-03-02	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7785	DAE4 Sn1707	3.340	65.700	66.640	1.43	1.290	24.900	25.738	3.37
SAR20	2026-03-09	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7814	DAE4 Sn778	3.300	65.700	65.842	0.22	1.270	24.900	25.339	1.76
SAR19	2026-03-14	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7785	DAE4 Sn1707	3.200	65.700	63.847	-2.82	1.210	24.900	24.142	-3.04
SAR19	2026-03-19	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7785	DAE4 Sn1707	3.350	65.700	66.840	1.73	1.280	24.900	25.539	2.57
SAR19	2026-04-01	3500	50.12	D3500V2 - 1014	EX3DV4 - SN7785	DAE4 Sn1707	3.380	65.700	67.438	2.65	1.300	24.900	25.938	4.17
SAR20	2026-01-03	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7814	DAE4 Sn1776	3.400	69.900	67.837	-2.95	1.250	25.600	24.940	-2.58
SAR18	2026-01-05	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7625	DAE4ip Sn1800	3.210	69.900	64.046	-8.37	1.170	25.600	23.344	-8.81
SAR20	2026-01-22	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7814	DAE4 Sn1776	3.420	69.900	68.236	-2.38	1.250	25.600	24.940	-2.58
SAR18	2026-02-02	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7625	DAE4ip Sn1800	3.250	69.900	64.844	-7.23	1.180	25.600	23.543	-8.03
SAR18	2026-02-03	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7625	DAE4ip Sn1800	3.300	69.900	65.842	-5.81	1.210	25.600	24.142	-5.70
SAR20	2026-02-04	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7814	DAE4 Sn778	3.460	69.900	69.034	-1.24	1.280	25.600	25.539	-0.24
SAR20	2026-02-07	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7814	DAE4 Sn778	3.440	69.900	68.635	-1.81	1.260	25.600	25.140	-1.80
SAR21	2026-02-10	3700	50.12	D3700V2 - 1006	EX3DV4 - SN3931	DAE4 Sn1697	3.180	69.900	63.448	-9.23	1.170	25.600	23.344	-8.81
SAR18	2026-02-11	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7625	DAE4ip Sn1800	3.370	69.900	67.239	-3.81	1.250	25.600	24.940	-2.58
SAR21	2026-02-13	3700	44.67	D3700V2 - 1006	EX3DV4 - SN3931	DAE4 Sn1697	3.090	69.900	69.174	-1.04	1.140	25.600	25.520	-0.31
SAR18	2026-02-18	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7625	DAE4ip Sn1800	3.400	69.900	67.837	-2.95	1.250	25.600	24.940	-2.58
SAR19	2026-02-24	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7785	DAE4 Sn1707	3.620	69.900	72.227	3.33	1.350	25.600	26.935	5.22
SAR19	2026-03-02	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7785	DAE4 Sn1707	3.510	69.900	70.032	0.19	1.320	25.600	26.337	2.88
SAR20	2026-03-09	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7814	DAE4 Sn778	3.540	69.900	70.630	1.05	1.310	25.600	26.137	2.10
SAR19	2026-03-14	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7785	DAE4 Sn1707	3.330	69.900	66.441	-4.95	1.220	25.600	24.342	-4.92
SAR19	2026-03-19	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7785	DAE4 Sn1707	3.480	69.900	69.433	-0.67	1.290	25.600	25.738	0.54
SAR19	2026-04-01	3700	50.12	D3700V2 - 1006	EX3DV4 - SN7785	DAE4 Sn1707	3.450	69.900	68.835	-1.52	1.280	25.600	25.539	-0.24
SAR20	2026-02-07	3900	50.12	D3900V2 - 1092	EX3DV4 - SN7814	DAE4 Sn778	3.230	67.000	64.445	-3.81	1.130	23.200	22.546	-2.82
SAR21	2026-02-10	3900	50.12	D3900V2 - 1092	EX3DV4 - SN3931	DAE4 Sn1697	3.160	67.000	63.049	-5.90	1.120	23.200	22.346	-3.68
SAR18	2026-02-11	3900	50.12	D3900V2 - 1092	EX3DV4 - SN7625	DAE4ip Sn1800	3.150	67.000						

SAR20	2026-03-09	3900	50.12	D3900V2 - 1092	EX3DV4 - SN7814	DAE4 Sn778	3.250	67.000	64.844	-3.22	1.150	23.200	22.945	-1.10
SAR19	2026-04-01	3900	50.12	D3900V2 - 1092	EX3DV4 - SN7785	DAE4 Sn1707	3.140	67.000	62.650	-6.49	1.110	23.200	22.147	-4.54
SAR-19	2026/3/10	2450	50	D2450V2-736	EX3DV4 - SN7625	DAE4ip Sn1800	2.63	51.40	52.60	2.33	1.22	24.20	24.40	0.83
SAR-18	2026/3/12	2450	50	D2450V2-736	EX3DV4 - SN3931	DAE4 Sn1697	2.46	51.40	49.20	-4.28	1.16	24.20	23.20	-4.13
SAR-18	2026/3/15	2450	50	D2450V2-929	EX3DV4 - SN3931	DAE4 Sn1697	2.54	53.30	50.80	-4.69	1.19	25.20	23.80	-5.56
SAR-18	2026/3/18	2450	50	D2450V2-929	EX3DV4 - SN3931	DAE4 Sn1697	2.45	53.30	49.00	-8.07	1.15	25.20	23.00	-8.73
SAR-18	2026/3/25	2450	50	D2450V2-736	EX3DV4 - SN3931	DAE4 Sn1697	2.62	51.40	52.40	1.95	1.23	24.20	24.60	1.65
SAR-18	2026/3/27	2450	50	D2450V2-736	EX3DV4 - SN3931	DAE4 Sn1697	2.53	51.40	50.60	-1.56	1.19	24.20	23.80	-1.65
SAR-20	2026/1/19	5250	50	D5GHZV2-1006	EX3DV4 - SN7785	DAE4 Sn1707	3.72	80.60	74.40	-7.69	1.07	22.80	21.40	-6.14
SAR-18	2026/3/5	5250	49	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.59	80.60	73.27	-9.10	1.05	22.80	21.43	-6.02
SAR-19	2026/3/11	5250	50	D5GHZV2-1006	EX3DV4 - SN7625	DAE4ip Sn1800	3.71	80.60	74.20	-7.94	1.06	22.80	21.20	-7.02
SAR-18	2026/3/15	5250	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.64	80.60	72.80	-9.68	1.06	22.80	21.20	-7.02
SAR-18	2026/3/17	5250	49	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.62	80.60	73.88	-8.34	1.03	22.80	21.02	-7.81
SAR-18	2026/3/23	5250	48	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.55	80.60	73.96	-8.24	1.03	22.80	21.46	-5.88
SAR-20	2026/1/19	5600	50	D5GHZV2-1006	EX3DV4 - SN7785	DAE4 Sn1707	4.07	83.40	81.40	-2.40	1.15	23.70	23.00	-2.95
SAR-18	2026/3/5	5600	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.84	83.40	76.80	-7.91	1.11	23.70	22.20	-6.33
SAR-19	2026/3/11	5600	50	D5GHZV2-1006	EX3DV4 - SN7625	DAE4ip Sn1800	4.05	83.40	81.00	-2.88	1.15	23.70	23.00	-2.95
SAR-18	2026/3/15	5600	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.79	83.40	75.80	-9.11	1.11	23.70	22.20	-6.33
SAR-18	2026/3/17	5600	49	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.80	83.40	77.55	-7.01	1.07	23.70	21.84	-7.86
SAR-18	2026/3/23	5600	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.94	83.40	78.80	-5.52	1.13	23.70	22.60	-4.64
SAR-20	2026/1/19	5800	50	D5GHZV2-1006	EX3DV4 - SN7785	DAE4 Sn1707	3.87	80.60	77.40	-3.97	1.10	22.70	22.00	-3.08
SAR-18	2026/3/5	5800	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.76	80.60	75.20	-6.70	1.08	22.70	21.60	-4.85
SAR-19	2026/3/11	5800	50	D5GHZV2-1006	EX3DV4 - SN7625	DAE4ip Sn1800	4.01	80.60	80.20	-0.50	1.13	22.70	22.60	-0.44
SAR-18	2026/3/15	5800	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.70	80.60	74.00	-8.19	1.08	22.70	21.60	-4.85
SAR-18	2026/3/17	5800	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	3.72	80.60	74.40	-7.69	1.05	22.70	21.00	-7.49
SAR-18	2026/3/23	5800	50	D5GHZV2-1006	EX3DV4 - SN3931	DAE4 Sn1697	4.13	80.60	82.60	2.48	1.18	22.70	23.60	3.96
SAR-19	2026/3/27	6500	100	D6.5GHZV2-1083	EX3DV4 - SN7625	DAE4ip Sn1800	32.100	302.000	321	6.29	5.930	56.500	59.3	4.96
SAR-19	2026/3/28	6500	100	D6.5GHZV2-1083	EX3DV4 - SN7625	DAE4ip Sn1800	31.800	302.000	318	5.30	5.880	56.500	58.8	4.07
SAR-18	2026/3/28	6500	100	D6.5GHZV2-1083	EX3DV4 - SN3931	DAE4 Sn1697	30.500	302.000	305	0.99	5.620	56.500	56.2	-0.53
SAR-19	2026/4/15	6500	100	D6.5GHZV2-1083	EX3DV4 - SN7625	DAE4ip Sn1800	31.800	302.000	318	5.30	5.910	56.500	59.1	4.60
SAR-18	2026/4/10	13	1000	CLA13-1011	EX3DV4 - SN3931	DAE4 Sn1697					0.309	0.340	0.309	-9.12

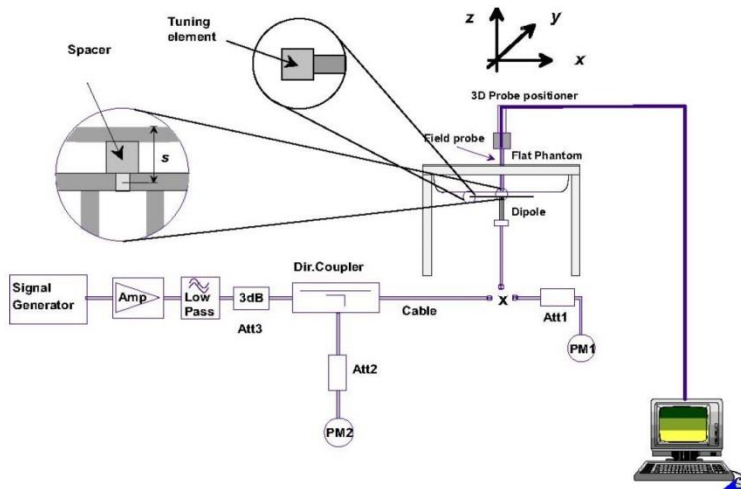


Fig 8.3.1 System Performance Check Setup



Fig 8.3.2 Setup Photo

10.3 PD System Performance Check Results

The system was verified to be within ± 0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check. The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes

Test Location	Frequency (GHz)	5G Verification Source	Probe S/N	DAE S/N	Distance (mm)	Measured 4 cm ² (W/m ²)	Targeted 4 cm ² (W/m ²)	Deviation (dB)	Date
SAR14	10G	10GHz_1020	EUmmWV3 - SN9424	DAE4 Sn656	10mm	55.4	54.6	0.06	2026/4/1
SAR14	10G	10GHz_1020	EUmmWV3 - SN9424	DAE4 Sn656	10mm	55.6	54.6	0.08	2026/4/8

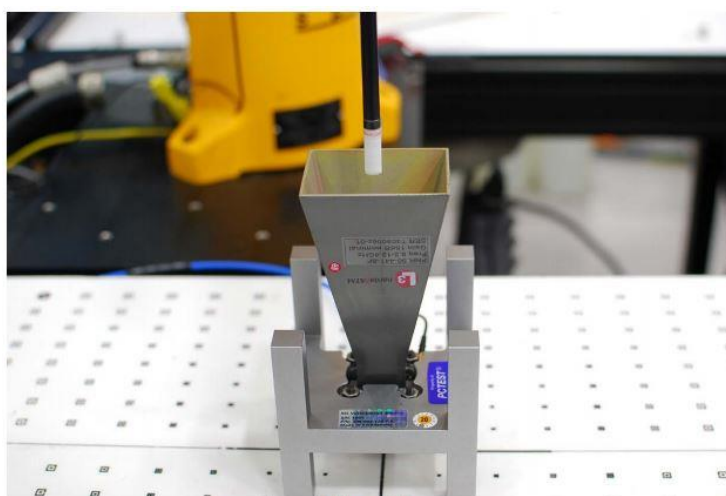


Figure 4-3
System Verification Setup Photo

System Performance Check Setup

10.4 Computation of the Electric Field Polarization Ellipse

For the numerical description of an arbitrarily oriented ellipse in three-dimensional space, five parameters are needed: the semi-major axis (a), the semi-minor axis (b), two angles describing the orientation of the normal vector of the ellipse (ϕ , θ), and one angle describing the tilt of the semi-major axis (ψ). For the two extreme cases, i.e., circular and linear polarizations, three parameters only (a , ϕ and θ) are sufficient for the description of the incident field.

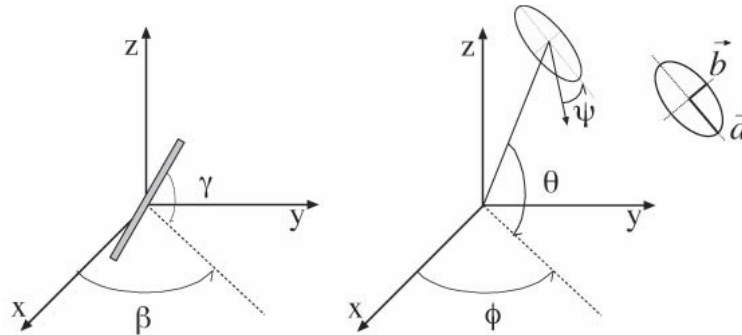


Illustration of the angles used for the numerical description of the sensor and the orientation of an ellipse in 3-D space.

For the reconstruction of the ellipse parameters from measured data, the problem can be reformulated as a nonlinear search problem. The semi-major and semi-minor axes of an elliptical field can be expressed as functions of the three angles (ϕ , θ and ψ). The parameters can be uniquely determined towards minimizing the error based on least-squares for the given set of angles and the measured data. In this way, the number of free parameters is reduced from five to three, which means that at least three sensor readings are necessary to gain sufficient information for the reconstruction of the ellipse parameters. However, to suppress the noise and increase the reconstruction accuracy, it is desirable that the system of equations be over determined. The solution to use a probe consisting of two sensors angled by r_1 and r_2 toward the probe axis and to perform measurements at three angular positions of the probe, i.e., at β_1 , β_2 and β_3 , results in over-determinations by a factor of two. If there is a need for more information or increased accuracy, more rotation angles can be added. The reconstruction of the ellipse parameters can be separated into linear and non-linear parts that are best solved by the Givens algorithm combined with a downhill simplex algorithm. To minimize the mutual coupling, sensor angles are set with a shift of 90 degree ($r_2 = r_1 + 90$ degree), and to simplify, the first rotation angle of the probe (β_1) can be set to 0 degree.

10.5 Total Field and Power Flux Density Reconstruction

Computation of the power density in general requires knowledge of the electric and magnetic field amplitudes and phases in the plane of incidence. Reconstruction of these quantities from pseudo-vector E-field measurements is feasible, as they are constrained by Maxwell's equations. SPEAG have developed a reconstruction approach based on the Gerchberg-Saxton algorithm, which benefits from the availability of the E-field polarization ellipse information obtained with the EUmmWV2 probe. The average of the reconstructed power density is evaluated over a circular area in each measurement plane. Two average power density values can be computed, the average total power density and the average incident power density, and the average total power density is used to determine compliance.

- $|Re\{S\}|$ is the total Poynting vector
- $\mathbf{n} \cdot Re\{S\}$ is the normal Poynting vector

The software post-processing reports to values, "S avg tot" and "S avg inc". "S avg tot" represents average total power density (all three xyz components included), and "S avg inc" represents average normal power density. The average total power density "S avg tot" is reported to determine the device compliance.

11. RF Exposure Positions

11.1 Ear and handset reference point

Figure 9.1.1 shows the front, back, and side views of the SAM phantom. The center-of-mouth reference point is labeled "M," the left ear reference point (ERP) is marked "LE," and the right ERP is marked "RE." Each ERP is 15 mm along the B-M (back-mouth) line behind the entrance-to-ear-canal (EEC) point, as shown in Figure 9.1.2. The Reference Plane is defined as passing through the two ear reference points and point M. The line N-F (neck-front), also called the reference pivoting line, is normal to the Reference Plane and perpendicular to both a line passing through RE and LE and the B-M line (see Figure 9.1.3). Both N-F and B-M lines should be marked on the exterior of the phantom shell to facilitate handset positioning. Posterior to the N-F line the ear shape is a flat surface with 6 mm thickness at each ERP, and forward of the N-F line the ear is truncated, as illustrated in Figure 9.1.2. The ear truncation is introduced to preclude the ear lobe from interfering with handset tilt, which could lead to unstable positioning at the cheek.

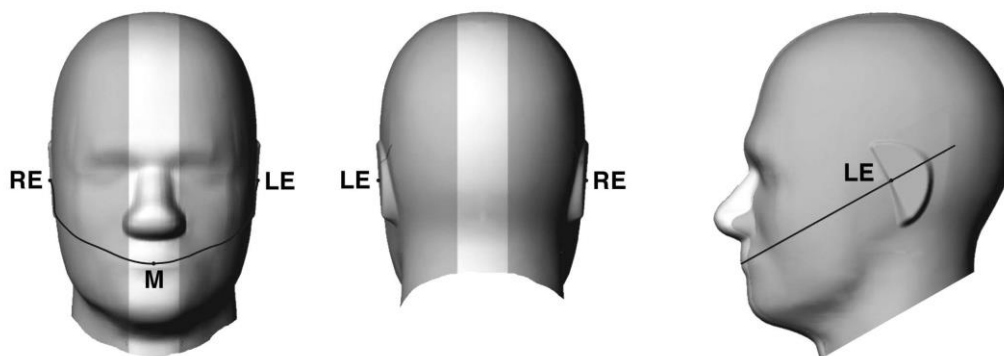


Fig 9.1.1 Front, back, and side views of SAM twin phantom

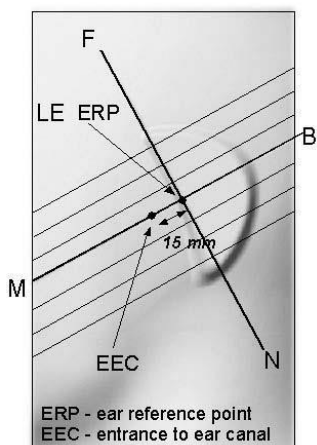


Fig 9.1.2 Close-up side view of phantom showing the ear region.

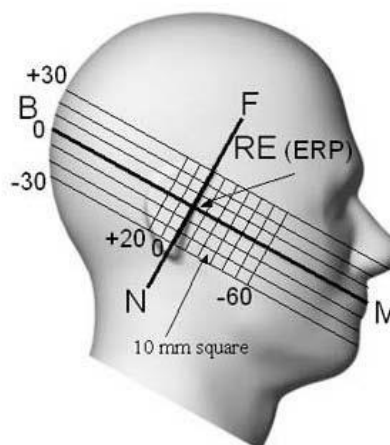


Fig 9.1.3 Side view of the phantom showing relevant markings and seven cross-sectional plane locations

11.2 Definition of the cheek position

1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
2. Define two imaginary lines on the handset—the vertical centerline and the horizontal line. The vertical centerline passes through two points on the front side of the handset—the midpoint of the width w_t of the handset at the level of the acoustic output (point A in Figure 9.2.1 and Figure 9.2.2), and the midpoint of the width w_b of the bottom of the handset (point B). The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output (see Figure 9.2.1). The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset (see Figure 9.2.2), especially for clamshell handsets, handsets with flip covers, and other irregularly-shaped handsets.
3. Position the handset close to the surface of the phantom such that point A is on the (virtual) extension of the line passing through points RE and LE on the phantom (see Figure 9.2.3), such that the plane defined by the vertical centerline and the horizontal line of the handset is approximately parallel to the sagittal plane of the phantom.
4. Translate the handset towards the phantom along the line passing through RE and LE until handset point A touches the pinna at the ERP.
5. While maintaining the handset in this plane, rotate it around the LE-RE line until the vertical centerline is in the plane normal to the plane containing B-M and N-F lines, i.e., the Reference Plane.
6. Rotate the handset around the vertical centerline until the handset (horizontal line) is parallel to the N-F line.
7. While maintaining the vertical centerline in the Reference Plane, keeping point A on the line passing through RE and LE, and maintaining the handset contact with the pinna, rotate the handset about the N-F line until any point on the handset is in contact with a phantom point below the pinna on the cheek. See Figure 9.2.3. The actual rotation angles should be documented in the test report.

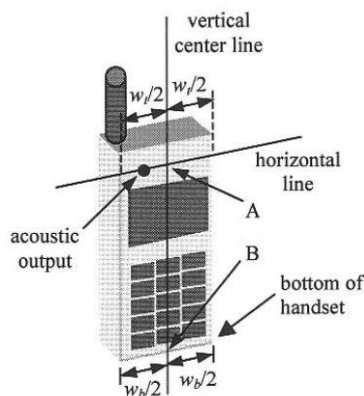


Fig 9.2.1 Handset vertical and horizontal reference lines—"fixed case"

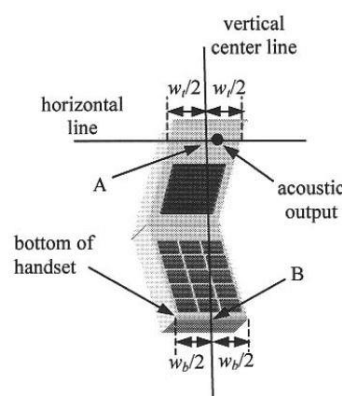


Fig 9.2.2 Handset vertical and horizontal reference lines—"clam-shell case"

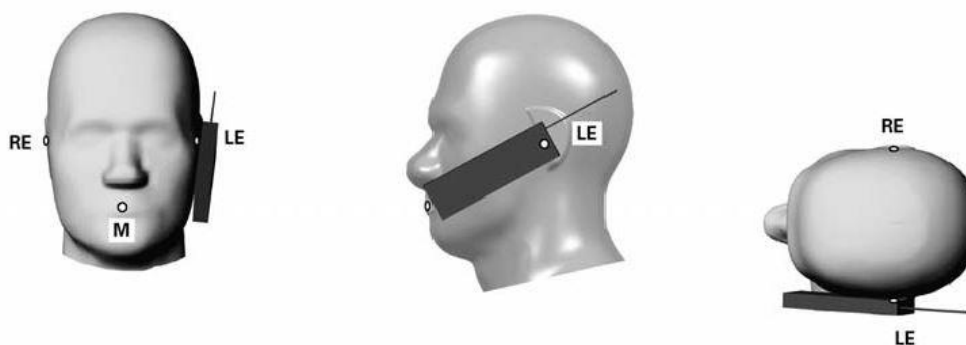


Fig 9.2.3 cheek or touch position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which establish the Reference Plane for handset positioning, are indicated.

11.3 Definition of the tilt position

1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
2. While maintaining the orientation of the handset, move the handset away from the pinna along the line passing through RE and LE far enough to allow a rotation of the handset away from the cheek by 15°.
3. Rotate the handset around the horizontal line by 15°.
4. While maintaining the orientation of the handset, move the handset towards the phantom on the line passing through RE and LE until any part of the handset touches the ear. The tilt position is obtained when the contact point is on the pinna. See Figure 9.3.1. If contact occurs at any location other than the pinna, e.g., the antenna at the back of the phantom head, the angle of the handset should be reduced. In this case, the tilt position is obtained if any point on the handset is in contact with the pinna and a second point

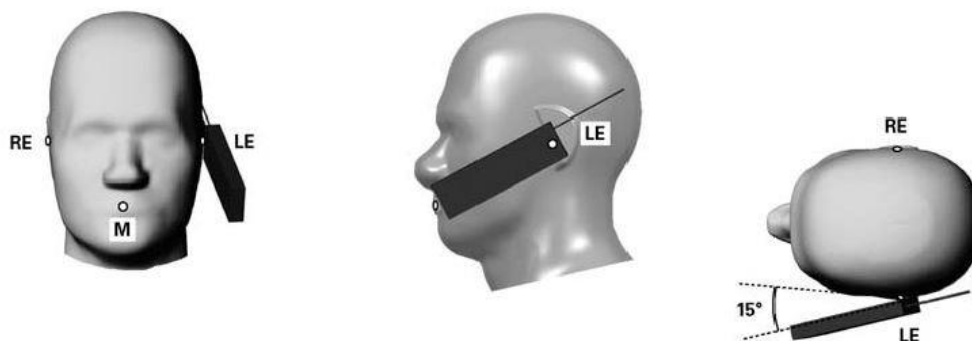


Fig 9.3.1 Tilt position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which define the Reference Plane for handset positioning, are indicated.

11.4 Body Worn Accessory

Body-worn operating configurations are tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in a normal use configuration (see Figure 9.4). Per KDB648474 D04v01r03, body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in FCC KDB 447498 D01v06 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode, when applicable. When the reported SAR for body-worn accessory, measured without a headset connected to the handset is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a handset attached to the handset.

Accessories for body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are test with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-clip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.

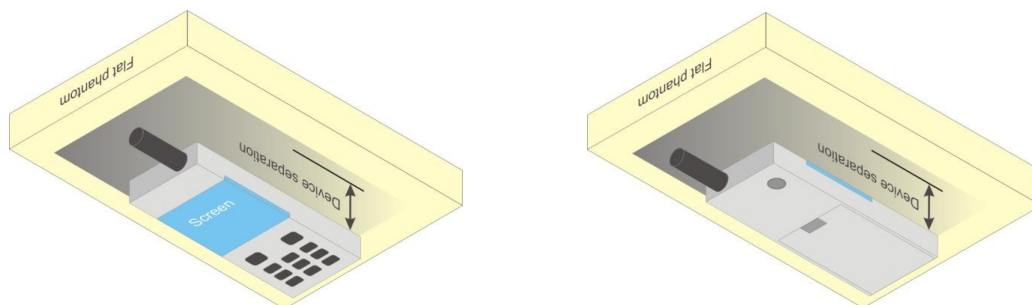


Fig 9.4 Body Worn Position



11.5 Product Specific Exposure

For smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, According to KDB648474 D04v01r03, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions.6 The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

11.6 Wireless Router

Some battery-operated handsets have the capability to transmit and receive user through simultaneous transmission of WIFI simultaneously with a separate licensed transmitter. The FCC has provided guidance in FCC KDB Publication 941225 D06 v02r01 where SAR test considerations for handsets ($L \times W \geq 9 \text{ cm} \times 5 \text{ cm}$) are based on a composite test separation distance of 5mm from the front, back and edges of the device containing transmitting antennas within 2.5cm of their edges, determined from general mixed use conditions for this type of devices. Since the hotspot SAR results may overlap with the body-worn accessory SAR requirements, the more conservative configurations can be considered, thus excluding some body-worn accessory SAR tests.

When the user enables the personal wireless router functions for the handset, actual operations include simultaneous transmission of both the WIFI transmitter and another licensed transmitter. Both transmitters often do not transmit at the same transmitting frequency and thus cannot be evaluated for SAR under actual use conditions due to the limitations of the SAR assessment probes. Therefore, SAR must be evaluated for each frequency transmission and mode separately and spatially summed with the WIFI transmitter according to FCC KDB Publication 447498 D01v06 publication procedures. The "Portable Hotspot" feature on the handset was NOT activated during SAR assessments, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal at a time.

12. UL/DL Carrier aggregation

< DL Carrier Aggregation >

General Note:

1. According to 202410 TCB workshop, the downlink (DL) pertains to receiver functionality, thus it is not related to RF exposure compliance limits related to cumulative effects of different transmitters.
2. According to 202410 TCB workshop, equipment authorization applications shall refer to the worst-case UL powers resulting from all the possible modes of operations. Accordingly, CA-DL cases do not need to be analyzed separately, unless pertinent to establishing UL power setting.
3. This device supports LTE carrier aggregation in the downlink. All uplink maximum output power with downlink carrier aggregation active does not show more than ¼ dB higher than the maximum output power without downlink carrier aggregation active, therefore SAR evaluation with downlink carrier aggregation active can be excluded

< LTE UL carrier aggregation >

General Note:

1. The device supports uplink carrier aggregation with a maximum of two component carriers. For intra band contiguous carrier aggregation scenarios, 3GPP 36.101 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP 36.10 allows for several dB of MPR to be applied when not-contiguous RB allocation is implemented. The conducted power and MPR setting in this device are permanently implemented pre the 3GPP requirement.
2. According TCB workshop, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers.
3. Additional SAR measurement for UL CA whit other DL CA combinations active were not required since the maximum output power for this configuration was not > 0.25dB higher than the maximum output power for UL CA active.

2CC Uplink Carrier Aggregation	
Number	Combination
1	5B
2	7C
3	66B
4	66C
5	38C
6	41C

【CA_5B_Ant 0_ECI 2】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	24.43	25.00
20475	20574	QPSK	1	49	1	0	24.47	25.00
20600	20501	QPSK	1	0	1	49	24.42	25.00

【CA_5B_Ant 0_ECI 3】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	24.43	25.00
20475	20574	QPSK	1	49	1	0	24.47	25.00
20600	20501	QPSK	1	0	1	49	24.42	25.00

【CA_5B_Ant 0_ECI 6】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	21.53	21.70
20475	20574	QPSK	1	49	1	0	21.59	21.70
20600	20501	QPSK	1	0	1	49	21.57	21.70

【CA_5B_Ant 0_ECI 4】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	21.53	21.70
20475	20574	QPSK	1	49	1	0	21.59	21.70
20600	20501	QPSK	1	0	1	49	21.57	21.70

【CA_5B_Ant 0_ECI 5】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	21.53	21.70
20475	20574	QPSK	1	49	1	0	21.59	21.70
20600	20501	QPSK	1	0	1	49	21.57	21.70

【CA_5B_Ant 1_ECI 2】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	22.30	23.60
20475	20574	QPSK	1	49	1	0	22.39	23.60
20600	20501	QPSK	1	0	1	49	22.44	23.60

【CA_5B_Ant 1_ECI 3】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	22.30	22.90
20475	20574	QPSK	1	49	1	0	22.39	22.90
20600	20501	QPSK	1	0	1	49	22.44	22.90

【CA_5B_Ant 1_ECI 6】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	23.30	24.20
20475	20574	QPSK	1	49	1	0	23.40	24.20
20600	20501	QPSK	1	0	1	49	23.44	24.20

【CA_5B_Ant 1_ECI 4】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	24.16	24.70
20475	20574	QPSK	1	49	1	0	24.26	24.70
20600	20501	QPSK	1	0	1	49	24.28	24.70

【CA_5B_Ant 1_ECI 5】

CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20450	20549	QPSK	1	49	1	0	23.30	24.20
20475	20574	QPSK	1	49	1	0	23.40	24.20
20600	20501	QPSK	1	0	1	49	23.44	24.20

【CA_7C_Ant 0_ECI 2】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	24.15	24.90
21100	20902	QPSK	1	0	1	99	24.23	24.90
21350	21152	QPSK	1	0	1	99	24.46	24.90

【CA_7C_Ant 0_ECI 3】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	24.15	24.90
21100	20902	QPSK	1	0	1	99	24.23	24.90
21350	21152	QPSK	1	0	1	99	24.46	24.90

【CA_7C_Ant 0_ECI 6】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	15.17	15.50
21100	20902	QPSK	1	0	1	99	15.23	15.50
21350	21152	QPSK	1	0	1	99	15.41	15.50

【CA_7C_Ant 0_ECI 4】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	17.31	17.90
21100	20902	QPSK	1	0	1	99	17.42	17.90
21350	21152	QPSK	1	0	1	99	17.57	17.90

【CA_7C_Ant 0_ECI 5】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	15.17	15.50
21100	20902	QPSK	1	0	1	99	15.23	15.50
21350	21152	QPSK	1	0	1	99	15.41	15.50

【CA_7C_Ant 2_ECI 2】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	22.80	23.30
21100	20902	QPSK	1	0	1	99	22.85	23.30
21350	21152	QPSK	1	0	1	99	23.01	23.30

【CA_7C_Ant 2_ECI 3】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	22.80	23.20
21100	20902	QPSK	1	0	1	99	22.85	23.20
21350	21152	QPSK	1	0	1	99	23.01	23.20

【CA_7C_Ant 2_ECI 6】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	16.96	17.00
21100	20902	QPSK	1	0	1	99	16.98	17.00
21350	21152	QPSK	1	0	1	99	17.00	17.00

【CA_7C_Ant 2_ECI 4】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	16.96	18.70
21100	20902	QPSK	1	0	1	99	16.98	18.70
21350	21152	QPSK	1	0	1	99	17.00	18.70

【CA_7C_Ant 2_ECI 5】

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20850	21048	QPSK	1	99	1	0	16.96	17.00
21100	20902	QPSK	1	0	1	99	16.98	17.00
21350	21152	QPSK	1	0	1	99	17.00	17.00

【CA_38C_Ant 0_ECI 2】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	24.36	24.90
37901	38099	QPSK	1	99	1	0	24.25	24.90
38150	37952	QPSK	1	0	1	99	24.35	24.90

【CA_38C_Ant 0_ECI 3】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	24.36	24.90
37901	38099	QPSK	1	99	1	0	24.25	24.90
38150	37952	QPSK	1	0	1	99	24.35	24.90

【CA_38C_Ant 0_ECI 6】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	17.26	17.70
37901	38099	QPSK	1	99	1	0	17.25	17.70
38150	37952	QPSK	1	0	1	99	17.33	17.70

【CA_38C_Ant 0_ECI 4】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	19.16	19.90
37901	38099	QPSK	1	99	1	0	19.14	19.90
38150	37952	QPSK	1	0	1	99	19.22	19.90

【CA_38C_Ant 0_ECI 5】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	17.26	17.70
37901	38099	QPSK	1	99	1	0	17.25	17.70
38150	37952	QPSK	1	0	1	99	17.33	17.70

【CA_38C_Ant 1_ECI 2】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	21.52	23.30
37901	38099	QPSK	1	99	1	0	21.52	23.30
38150	37952	QPSK	1	0	1	99	21.59	23.30

【CA_38C_Ant 1_ECI 3】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	21.52	22.60
37901	38099	QPSK	1	99	1	0	21.52	22.60
38150	37952	QPSK	1	0	1	99	21.59	22.60

【CA_38C_Ant 1_ECI 6】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	21.52	22.40
37901	38099	QPSK	1	99	1	0	21.52	22.40
38150	37952	QPSK	1	0	1	99	21.59	22.40

【CA_38C_Ant 1_ECI 4】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	21.52	22.50
37901	38099	QPSK	1	99	1	0	21.52	22.50
38150	37952	QPSK	1	0	1	99	21.59	22.50

【CA_38C_Ant 1_ECI 5】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	21.52	22.40
37901	38099	QPSK	1	99	1	0	21.52	22.40
38150	37952	QPSK	1	0	1	99	21.59	22.40

【CA_38C_Ant 2_ECI 2】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	24.28	25.00
37901	38099	QPSK	1	99	1	0	24.19	25.00
38150	37952	QPSK	1	0	1	99	24.28	25.00

【CA_38C_Ant 2_ECI 3】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	24.28	25.00
37901	38099	QPSK	1	99	1	0	24.19	25.00
38150	37952	QPSK	1	0	1	99	24.28	25.00

【CA_38C_Ant 2_ECI 6】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	18.84	19.10
37901	38099	QPSK	1	99	1	0	18.83	19.10
38150	37952	QPSK	1	0	1	99	18.90	19.10

【CA_38C_Ant 2_ECI 4】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	18.84	20.50
37901	38099	QPSK	1	99	1	0	18.83	20.50
38150	37952	QPSK	1	0	1	99	18.90	20.50

【CA_38C_Ant 2_ECI 5】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	18.84	19.10
37901	38099	QPSK	1	99	1	0	18.83	19.10
38150	37952	QPSK	1	0	1	99	18.90	19.10

【CA_38C_Ant 5_ECI 2】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	15.92	17.40
37901	38099	QPSK	1	99	1	0	15.98	17.40
38150	37952	QPSK	1	0	1	99	16.08	17.40

【CA_38C_Ant 5_ECI 3】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	15.92	16.40
37901	38099	QPSK	1	99	1	0	15.98	16.40
38150	37952	QPSK	1	0	1	99	16.08	16.40

【CA_38C_Ant 5_ECI 6】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	17.48	17.80
37901	38099	QPSK	1	99	1	0	17.53	17.80
38150	37952	QPSK	1	0	1	99	17.66	17.80

【CA_38C_Ant 5_ECI 4】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	18.99	20.70
37901	38099	QPSK	1	99	1	0	19.06	20.70
38150	37952	QPSK	1	0	1	99	19.15	20.70

【CA_38C_Ant 5_ECI 5】

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
37850	38048	QPSK	1	99	1	0	17.48	17.80
37901	38099	QPSK	1	99	1	0	17.53	17.80
38150	37952	QPSK	1	0	1	99	17.66	17.80

【CA_41C_Ant 0_ECI 2】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	24.13	25.00
40185	39987	QPSK	1	0	1	99	24.29	25.00
40620	40422	QPSK	1	0	1	99	24.45	25.00
41055	40857	QPSK	1	0	1	99	24.38	25.00
41490	41292	QPSK	1	0	1	99	24.37	25.00

【CA_41C_Ant 0_ECI 3】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	24.13	25.00
40185	39987	QPSK	1	0	1	99	24.29	25.00
40620	40422	QPSK	1	0	1	99	24.45	25.00
41055	40857	QPSK	1	0	1	99	24.38	25.00
41490	41292	QPSK	1	0	1	99	24.37	25.00

【CA_41C_Ant 0_ECI 6】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	17.23	17.70
40185	39987	QPSK	1	0	1	99	17.35	17.70
40620	40422	QPSK	1	0	1	99	17.47	17.70
41055	40857	QPSK	1	0	1	99	17.45	17.70
41490	41292	QPSK	1	0	1	99	17.42	17.70

【CA_41C_Ant 0_ECI 4】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	19.06	19.90
40185	39987	QPSK	1	0	1	99	19.22	19.90
40620	40422	QPSK	1	0	1	99	19.37	19.90
41055	40857	QPSK	1	0	1	99	19.34	19.90
41490	41292	QPSK	1	0	1	99	19.32	19.90

【CA_41C_Ant 0_ECI 5】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	17.23	17.70
40185	39987	QPSK	1	0	1	99	17.35	17.70
40620	40422	QPSK	1	0	1	99	17.47	17.70
41055	40857	QPSK	1	0	1	99	17.45	17.70
41490	41292	QPSK	1	0	1	99	17.42	17.70

【CA_41C_Ant 1_ECI 2】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	21.56	23.30
40185	39987	QPSK	1	0	1	99	21.55	23.30
40620	40422	QPSK	1	0	1	99	21.68	23.30
41055	40857	QPSK	1	0	1	99	21.73	23.30
41490	41292	QPSK	1	0	1	99	21.76	23.30

【CA_41C_Ant 1_ECI 3】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	21.56	22.60
40185	39987	QPSK	1	0	1	99	21.55	22.60
40620	40422	QPSK	1	0	1	99	21.68	22.60
41055	40857	QPSK	1	0	1	99	21.73	22.60
41490	41292	QPSK	1	0	1	99	21.76	22.60

【CA_41C_Ant 1_ECI 6】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	21.56	22.40
40185	39987	QPSK	1	0	1	99	21.55	22.40
40620	40422	QPSK	1	0	1	99	21.68	22.40
41055	40857	QPSK	1	0	1	99	21.73	22.40
41490	41292	QPSK	1	0	1	99	21.76	22.40

【CA_41C_Ant 1_ECI 4】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	21.56	22.50
40185	39987	QPSK	1	0	1	99	21.55	22.50
40620	40422	QPSK	1	0	1	99	21.68	22.50
41055	40857	QPSK	1	0	1	99	21.73	22.50
41490	41292	QPSK	1	0	1	99	21.76	22.50

【CA_41C_Ant 1_ECI 5】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	21.56	22.40
40185	39987	QPSK	1	0	1	99	21.55	22.40
40620	40422	QPSK	1	0	1	99	21.68	22.40
41055	40857	QPSK	1	0	1	99	21.73	22.40
41490	41292	QPSK	1	0	1	99	21.76	22.40

【CA_41C_Ant 2_ECI 2】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	24.14	25.00
40185	39987	QPSK	1	0	1	99	24.22	25.00
40620	40422	QPSK	1	0	1	99	24.41	25.00
41055	40857	QPSK	1	0	1	99	24.31	25.00
41490	41292	QPSK	1	0	1	99	24.23	25.00

【CA_41C_Ant 2_ECI 3】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	24.14	25.00
40185	39987	QPSK	1	0	1	99	24.22	25.00
40620	40422	QPSK	1	0	1	99	24.41	25.00
41055	40857	QPSK	1	0	1	99	24.31	25.00
41490	41292	QPSK	1	0	1	99	24.23	25.00

【CA_41C_Ant 2_ECI 6】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	18.85	19.10
40185	39987	QPSK	1	0	1	99	18.93	19.10
40620	40422	QPSK	1	0	1	99	19.05	19.10
41055	40857	QPSK	1	0	1	99	19.04	19.10
41490	41292	QPSK	1	0	1	99	18.90	19.10

【CA_41C_Ant 2_ECI 4】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	18.85	20.50
40185	39987	QPSK	1	0	1	99	18.93	20.50
40620	40422	QPSK	1	0	1	99	19.05	20.50
41055	40857	QPSK	1	0	1	99	19.04	20.50
41490	41292	QPSK	1	0	1	99	18.90	20.50

【CA_41C_Ant 2_ECI 5】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	18.85	19.10
40185	39987	QPSK	1	0	1	99	18.93	19.10
40620	40422	QPSK	1	0	1	99	19.05	19.10
41055	40857	QPSK	1	0	1	99	19.04	19.10
41490	41292	QPSK	1	0	1	99	18.90	19.10

【CA_41C_Ant 5_ECI 2】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	16.05	17.40
40185	39987	QPSK	1	0	1	99	16.05	17.40
40620	40422	QPSK	1	0	1	99	16.04	17.40
41055	40857	QPSK	1	0	1	99	15.99	17.40
41490	41292	QPSK	1	0	1	99	15.90	17.40

【CA_41C_Ant 5_ECI 3】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	16.05	16.40
40185	39987	QPSK	1	0	1	99	16.05	16.40
40620	40422	QPSK	1	0	1	99	16.04	16.40
41055	40857	QPSK	1	0	1	99	15.99	16.40
41490	41292	QPSK	1	0	1	99	15.90	16.40

【CA_41C_Ant 5_ECI 6】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	17.57	17.80
40185	39987	QPSK	1	0	1	99	17.63	17.80
40620	40422	QPSK	1	0	1	99	17.59	17.80
41055	40857	QPSK	1	0	1	99	17.58	17.80
41490	41292	QPSK	1	0	1	99	17.44	17.80

【CA_41C_Ant 5_ECI 4】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	19.10	20.70
40185	39987	QPSK	1	0	1	99	19.14	20.70
40620	40422	QPSK	1	0	1	99	19.11	20.70
41055	40857	QPSK	1	0	1	99	19.07	20.70
41490	41292	QPSK	1	0	1	99	18.95	20.70

【CA_41C_Ant 5_ECI 5】

CA_41C HPUE								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39948	QPSK	1	99	1	0	17.57	17.80
40185	39987	QPSK	1	0	1	99	17.63	17.80
40620	40422	QPSK	1	0	1	99	17.59	17.80
41055	40857	QPSK	1	0	1	99	17.58	17.80
41490	41292	QPSK	1	0	1	99	17.44	17.80

【CA_66B_Ant 0_ECI 2】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	24.23	25.00
132322	132229	QPSK	1	0	1	24	24.22	25.00
132597	132504	QPSK	1	0	1	24	24.19	25.00

【CA_66C_Ant 0_ECI 2】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	24.22	25.00
132322	132124	QPSK	1	0	1	99	24.13	25.00
132572	132374	QPSK	1	0	1	99	24.22	25.00

【CA_66B_Ant 0_ECI 3】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	24.23	25.00
132322	132229	QPSK	1	0	1	24	24.22	25.00
132597	132504	QPSK	1	0	1	24	24.19	25.00

【CA_66C_Ant 0_ECI 3】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	24.22	25.00
132322	132124	QPSK	1	0	1	99	24.13	25.00
132572	132374	QPSK	1	0	1	99	24.22	25.00

【CA_66B_Ant 0_ECI 6】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	14.88	14.90
132322	132229	QPSK	1	0	1	24	14.81	14.90
132597	132504	QPSK	1	0	1	24	14.85	14.90

【CA_66C_Ant 0_ECI 6】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	14.86	14.90
132322	132124	QPSK	1	0	1	99	14.81	14.90
132572	132374	QPSK	1	0	1	99	14.78	14.90

【CA_66B_Ant 0_ECI 4】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	14.88	16.30
132322	132229	QPSK	1	0	1	24	14.81	16.30
132597	132504	QPSK	1	0	1	24	14.85	16.30

【CA_66C_Ant 0_ECI 4】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	14.86	16.30
132322	132124	QPSK	1	0	1	99	14.81	16.30
132572	132374	QPSK	1	0	1	99	14.78	16.30

【CA_66B_Ant 0_ECI 5】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	14.88	14.90
132322	132229	QPSK	1	0	1	24	14.81	14.90
132597	132504	QPSK	1	0	1	24	14.85	14.90

【CA_66C_Ant 0_ECI 5】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	14.86	14.90
132322	132124	QPSK	1	0	1	99	14.81	14.90
132572	132374	QPSK	1	0	1	99	14.78	14.90

【CA_66B_Ant 1_ECI 2】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	19.22	20.00
132322	132229	QPSK	1	0	1	24	19.25	20.00
132597	132504	QPSK	1	0	1	24	19.24	20.00

【CA_66C_Ant 1_ECI 2】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	19.13	20.00
132322	132124	QPSK	1	0	1	99	19.07	20.00
132572	132374	QPSK	1	0	1	99	19.25	20.00

【CA_66B_Ant 1_ECI 3】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	19.22	19.30
132322	132229	QPSK	1	0	1	24	19.25	19.30
132597	132504	QPSK	1	0	1	24	19.24	19.30

【CA_66C_Ant 1_ECI 3】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	19.13	19.30
132322	132124	QPSK	1	0	1	99	19.07	19.30
132572	132374	QPSK	1	0	1	99	19.25	19.30

【CA_66B_Ant 1_ECI 6】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	21.02	21.20
132322	132229	QPSK	1	0	1	24	20.98	21.20
132597	132504	QPSK	1	0	1	24	21.11	21.20

【CA_66C_Ant 1_ECI 6】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	21.00	21.20
132322	132124	QPSK	1	0	1	99	20.91	21.20
132572	132374	QPSK	1	0	1	99	21.07	21.20

【CA_66B_Ant 1_ECI 4】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	21.02	22.00
132322	132229	QPSK	1	0	1	24	20.98	22.00
132597	132504	QPSK	1	0	1	24	21.11	22.00

【CA_66C_Ant 1_ECI 4】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	21.00	22.00
132322	132124	QPSK	1	0	1	99	20.91	22.00
132572	132374	QPSK	1	0	1	99	21.07	22.00

【CA_66B_Ant 1_ECI 5】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	21.02	21.20
132322	132229	QPSK	1	0	1	24	20.98	21.20
132597	132504	QPSK	1	0	1	24	21.11	21.20

【CA_66C_Ant 1_ECI 5】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	21.00	21.20
132322	132124	QPSK	1	0	1	99	20.91	21.20
132572	132374	QPSK	1	0	1	99	21.07	21.20

【CA_66B_Ant 2_ECI 2】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	24.21	25.00
132322	132229	QPSK	1	0	1	24	24.22	25.00
132597	132504	QPSK	1	0	1	24	24.19	25.00

【CA_66C_Ant 2_ECI 2】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	24.23	25.00
132322	132124	QPSK	1	0	1	99	24.19	25.00
132572	132374	QPSK	1	0	1	99	24.20	25.00

【CA_66B_Ant 2_ECI 3】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	24.21	25.00
132322	132229	QPSK	1	0	1	24	24.22	25.00
132597	132504	QPSK	1	0	1	24	24.19	25.00

【CA_66C_Ant 2_ECI 3】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	24.23	25.00
132322	132124	QPSK	1	0	1	99	24.19	25.00
132572	132374	QPSK	1	0	1	99	24.20	25.00

【CA_66B_Ant 2_ECI 6】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	20.39	20.40
132322	132229	QPSK	1	0	1	24	20.29	20.40
132597	132504	QPSK	1	0	1	24	20.31	20.40

【CA_66C_Ant 2_ECI 6】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	20.36	20.40
132322	132124	QPSK	1	0	1	99	20.33	20.40
132572	132374	QPSK	1	0	1	99	20.30	20.40

【CA_66B_Ant 2_ECI 4】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	20.39	21.80
132322	132229	QPSK	1	0	1	24	20.29	21.80
132597	132504	QPSK	1	0	1	24	20.31	21.80

【CA_66C_Ant 2_ECI 4】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	20.36	21.80
132322	132124	QPSK	1	0	1	99	20.33	21.80
132572	132374	QPSK	1	0	1	99	20.30	21.80

【CA_66B_Ant 2_ECI 5】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	20.39	20.40
132322	132229	QPSK	1	0	1	24	20.29	20.40
132597	132504	QPSK	1	0	1	24	20.31	20.40

【CA_66C_Ant 2_ECI 5】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	20.36	20.40
132322	132124	QPSK	1	0	1	99	20.33	20.40
132572	132374	QPSK	1	0	1	99	20.30	20.40

【CA_66B_Ant 5_ECI 2】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	16.59	17.90
132322	132229	QPSK	1	0	1	24	16.59	17.90
132597	132504	QPSK	1	0	1	24	16.50	17.90

【CA_66C_Ant 5_ECI 2】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	16.55	17.90
132322	132124	QPSK	1	0	1	99	16.51	17.90
132572	132374	QPSK	1	0	1	99	16.59	17.90

【CA_66B_Ant 5_ECI 3】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	16.59	16.80
132322	132229	QPSK	1	0	1	24	16.59	16.80
132597	132504	QPSK	1	0	1	24	16.50	16.80

【CA_66C_Ant 5_ECI 3】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	16.55	16.80
132322	132124	QPSK	1	0	1	99	16.51	16.80
132572	132374	QPSK	1	0	1	99	16.59	16.80

【CA_66B_Ant 5_ECI 6】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	16.82	17.10
132322	132229	QPSK	1	0	1	24	16.84	17.10
132597	132504	QPSK	1	0	1	24	16.89	17.10

【CA_66C_Ant 5_ECI 6】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	16.84	17.10
132322	132124	QPSK	1	0	1	99	16.87	17.10
132572	132374	QPSK	1	0	1	99	16.90	17.10

【CA_66B_Ant 5_ECI 4】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	18.13	18.90
132322	132229	QPSK	1	0	1	24	18.17	18.90
132597	132504	QPSK	1	0	1	24	18.18	18.90

【CA_66C_Ant 5_ECI 4】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	18.03	18.90
132322	132124	QPSK	1	0	1	99	17.98	18.90
132572	132374	QPSK	1	0	1	99	18.06	18.90

【CA_66B_Ant 5_ECI 5】

CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132047	132140	QPSK	1	74	1	0	16.82	17.10
132322	132229	QPSK	1	0	1	24	16.84	17.10
132597	132504	QPSK	1	0	1	24	16.89	17.10

【CA_66C_Ant 5_ECI 5】

CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
132072	132270	QPSK	1	99	1	0	16.84	17.10
132322	132124	QPSK	1	0	1	99	16.87	17.10
132572	132374	QPSK	1	0	1	99	16.90	17.10

< FR1 UL carrier aggregation >
General Note:

1. The device supports intra-band uplink carrier aggregation with a maximum of two component carriers. For intra band contiguous carrier aggregation scenarios, 3GPP 38.101 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP 38.101 allows for several dB of MPR to be applied when not-contiguous RB allocation is implemented. The conducted power and MPR setting in this device are permanently implemented pre 3GPP requirement.
2. According TCB workshop, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers.
3. Additional SAR measurement for UL CA with other DL CA combinations active were not required since the maximum output power for this configuration was not > 0.25dB higher than the maximum output power for UL CA active.

2CC Uplink Carrier Aggregation	
Number	Combination
1	n41B
2	n41C
3	n77C

Ant 2_ECI 1

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.78	22.5
518598	528594	QPSK	64	69	64	0	21.83	22.5
532998	523002	QPSK	64	0	64	69	21.8	22.5

Ant 2_ECI 1

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.22	22.5
518598	537582	QPSK	108	137	144	0	21.24	22.5
528996	510012	QPSK	108	0	144	129	21.2	22.5

Ant 0_ECI 1

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.89	22.5
518598	528594	QPSK	64	69	64	0	21.94	22.5
532998	523002	QPSK	64	0	64	69	21.84	22.5

Ant 0_ECI 1

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.29	22.5
518598	537582	QPSK	108	137	144	0	21.34	22.5
528996	510012	QPSK	108	0	144	129	21.32	22.5

Ant 1_ECI 1

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.87	22.5
518598	528594	QPSK	64	69	64	0	21.86	22.5
532998	523002	QPSK	64	0	64	69	21.8	22.5

Ant 1_ECI 1

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.25	22.5
518598	537582	QPSK	108	137	144	0	21.32	22.5
528996	510012	QPSK	108	0	144	129	21.29	22.5

Ant 5_ECI 1

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	21.59	22.3
518598	528594	BPSK	64	69	64	0	21.63	22.3
532998	523002	BPSK	64	0	64	69	21.55	22.3

Ant 5_ECI 1

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	21.01	22.3
518598	537582	BPSK	108	137	144	0	21.09	22.3
528996	510012	BPSK	108	0	144	129	21.03	22.3

Ant 2_ECI 2

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.78	22.5
518598	528594	QPSK	64	69	64	0	21.83	22.5
532998	523002	QPSK	64	0	64	69	21.8	22.5

Ant 2_ECI 2

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.22	22.5
518598	537582	QPSK	108	137	144	0	21.24	22.5
528996	510012	QPSK	108	0	144	129	21.2	22.5

Ant 0_ECI 2

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.89	22.5
518598	528594	QPSK	64	69	64	0	21.94	22.5
532998	523002	QPSK	64	0	64	69	21.84	22.5

Ant 0_ECI 2

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.29	22.5
518598	537582	QPSK	108	137	144	0	21.34	22.5
528996	510012	QPSK	108	0	144	129	21.32	22.5

Ant 1_ECI 2

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.7	18.5
518598	528594	BPSK	64	69	64	0	16.77	18.5
532998	523002	BPSK	64	0	64	69	16.75	18.5

Ant 1_ECI 2

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.77	18.5
518598	537582	BPSK	108	137	144	0	16.78	18.5
528996	510012	BPSK	108	0	144	129	16.71	18.5

Ant 5_ECI 2

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	15.55	16.3
518598	528594	BPSK	64	69	64	0	15.65	16.3
532998	523002	BPSK	64	0	64	69	15.61	16.3

Ant 5_ECI 2

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	15.49	16.3
518598	537582	BPSK	108	137	144	0	15.65	16.3
528996	510012	BPSK	108	0	144	129	15.61	16.3

Ant 2_ECI 3

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.78	22.5
518598	528594	QPSK	64	69	64	0	21.83	22.5
532998	523002	QPSK	64	0	64	69	21.8	22.5

Ant 2_ECI 3

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.22	22.5
518598	537582	QPSK	108	137	144	0	21.24	22.5
528996	510012	QPSK	108	0	144	129	21.2	22.5

Ant 0_ECI 3

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	QPSK	64	69	64	0	21.89	22.5
518598	528594	QPSK	64	69	64	0	21.94	22.5
532998	523002	QPSK	64	0	64	69	21.84	22.5

Ant 0_ECI 3

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	QPSK	108	137	144	0	21.29	22.5
518598	537582	QPSK	108	137	144	0	21.34	22.5
528996	510012	QPSK	108	0	144	129	21.32	22.5

Ant 1_ECI 3

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.7	17.8
518598	528594	BPSK	64	69	64	0	16.77	17.8
532998	523002	BPSK	64	0	64	69	16.75	17.8

Ant 1_ECI 3

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.77	17.8
518598	537582	BPSK	108	137	144	0	16.78	17.8
528996	510012	BPSK	108	0	144	129	16.71	17.8

Ant 5_ECI 3

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	15.55	16.3
518598	528594	BPSK	64	69	64	0	15.65	16.3
532998	523002	BPSK	64	0	64	69	15.61	16.3

Ant 5_ECI 3

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	15.49	16.3
518598	537582	BPSK	108	137	144	0	15.65	16.3
528996	510012	BPSK	108	0	144	129	15.61	16.3

Ant 2_ECI 4

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.8	18.7
518598	528594	BPSK	64	69	64	0	16.82	18.7
532998	523002	BPSK	64	0	64	69	16.81	18.7

Ant 2_ECI 4

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.81	18.7
518598	537582	BPSK	108	137	144	0	16.85	18.7
528996	510012	BPSK	108	0	144	129	16.82	18.7

Ant 0_ECI 4

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.8	17.8
518598	528594	BPSK	64	69	64	0	16.86	17.8
532998	523002	BPSK	64	0	64	69	17.79	17.8

Ant 0_ECI 4

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.79	17.8
518598	537582	BPSK	108	137	144	0	16.82	17.8
528996	510012	BPSK	108	0	144	129	16.75	17.8

Ant 1_ECI 4

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	19.71	20.3
518598	528594	BPSK	64	69	64	0	19.79	20.3
532998	523002	BPSK	64	0	64	69	19.69	20.3

Ant 1_ECI 4

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	19.69	20.3
518598	537582	BPSK	108	137	144	0	19.8	20.3
528996	510012	BPSK	108	0	144	129	19.72	20.3

Ant 5_ECI 4

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.49	17.9
518598	528594	BPSK	64	69	64	0	16.56	17.9
532998	523002	BPSK	64	0	64	69	16.52	17.9

Ant 5_ECI 4

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.51	17.9
518598	537582	BPSK	108	137	144	0	16.57	17.9
528996	510012	BPSK	108	0	144	129	16.49	17.9

Ant 2_ECI 5/6

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.8	17.1
518598	528594	BPSK	64	69	64	0	16.82	17.1
532998	523002	BPSK	64	0	64	69	16.81	17.1

Ant 2_ECI 5/6

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.81	17.1
518598	537582	BPSK	108	137	144	0	16.85	17.1
528996	510012	BPSK	108	0	144	129	16.82	17.1

Ant 0_ECI 5/6

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	15.89	16.1
518598	528594	BPSK	64	69	64	0	15.94	16.1
532998	523002	BPSK	64	0	64	69	15.85	16.1

Ant 0_ECI 5/6

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	15.87	16.1
518598	537582	BPSK	108	137	144	0	15.89	16.1
528996	510012	BPSK	108	0	144	129	15.8	16.1

Ant 1_ECI 5/6

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	16.7	17.3
518598	528594	BPSK	64	69	64	0	16.77	17.3
532998	523002	BPSK	64	0	64	69	16.75	17.3

Ant 1_ECI 5/6

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	16.77	17.3
518598	537582	BPSK	108	137	144	0	16.78	17.3
528996	510012	BPSK	108	0	144	129	16.71	17.3

Ant 5_ECI 5/6

CA_n41B								
Combination 50MHz+50MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
504204	514200	BPSK	64	69	64	0	15.55	16.3
518598	528594	BPSK	64	69	64	0	15.65	16.3
532998	523002	BPSK	64	0	64	69	15.61	16.3

Ant 5_ECI 5/6

CA_n41C								
Combination 90MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
508200	527184	BPSK	108	137	144	0	15.49	16.3
518598	537582	BPSK	108	137	144	0	15.65	16.3
528996	510012	BPSK	108	0	144	129	15.61	16.3

Ant 6_ECI 1

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.67	22.6

Ant 6_ECI 1

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.69	22.6
656000	662664	QPSK	135	138	135	0	21.75	22.6
662000	655336	QPSK	135	0	135	138	21.63	22.6

Ant 7_ECI 1

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.07	22.3

Ant 7_ECI 1

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.09	22.3
656000	662664	QPSK	135	138	135	0	21.11	22.3
662000	655336	QPSK	135	0	135	138	21.05	22.3

Ant 1_ECI 1

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.41	22.6

Ant 1_ECI 1

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.55	22.6
656000	662664	QPSK	135	138	135	0	21.6	22.6
662000	655336	QPSK	135	0	135	138	21.49	22.6

Ant 5_ECI 1

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	20.81	22

Ant 5_ECI 1

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	20.88	22
656000	662664	BPSK	135	138	135	0	20.95	22
662000	655336	BPSK	135	0	135	138	20.94	22

Ant 6_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.67	22.6

Ant 6_ECI 2

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.69	22.6
656000	662664	QPSK	135	138	135	0	21.75	22.6
662000	655336	QPSK	135	0	135	138	21.63	22.6

Ant 7_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.07	22.3

Ant 7_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.09	22.3
656000	662664	QPSK	135	138	135	0	21.11	22.3
662000	655336	QPSK	135	0	135	138	21.05	22.3

Ant 1_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	13.95	15.6

Ant 1_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	14.02	15.6
656000	662664	BPSK	135	138	135	0	14.08	15.6
662000	655336	BPSK	135	0	135	138	13.99	15.6

Ant 5_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	15.65	16.6

Ant 5_ECI 2

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	15.44	16.6
656000	662664	BPSK	135	138	135	0	15.46	16.6
662000	655336	BPSK	135	0	135	138	15.39	16.6

Ant 6_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.67	22

Ant 6_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.69	22
656000	662664	QPSK	135	138	135	0	21.75	22
662000	655336	QPSK	135	0	135	138	21.63	22

Ant 7_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	QPSK	135	138	135	0	21.07	22.3

Ant 7_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	QPSK	135	138	135	0	21.09	22.3
656000	662664	QPSK	135	138	135	0	21.11	22.3
662000	655336	QPSK	135	0	135	138	21.05	22.3

Ant 1_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	13.95	14.9

Ant 1_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	14.02	14.9
656000	662664	BPSK	135	138	135	0	14.08	14.9
662000	655336	BPSK	135	0	135	138	13.99	14.9

Ant 5_ECI 3

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	15.65	15.7

Ant 5_ECI 3

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	15.44	15.7
656000	662664	BPSK	135	138	135	0	15.46	15.7
662000	655336	BPSK	135	0	135	138	15.39	15.7

Ant 6_ECI 4

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	17.09	17.9

Ant 6_ECI 4

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	17.05	17.9
656000	662664	BPSK	135	138	135	0	17.18	17.9
662000	655336	BPSK	135	0	135	138	16.99	17.9

Ant 7_ECI 4

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	15.43	16.7

Ant 7_ECI 4

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	15.41	16.7
656000	662664	BPSK	135	138	135	0	15.45	16.7
662000	655336	BPSK	135	0	135	138	15.4	16.7

Ant 1_ECI 4

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	15.97	17.3

Ant 1_ECI 4

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	15.99	17.3
656000	662664	BPSK	135	138	135	0	16.12	17.3
662000	655336	BPSK	135	0	135	138	16.03	17.3

Ant 5_ECI 4

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	17.32	19.1

Ant 5_ECI 4

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	17.41	19.1
656000	662664	BPSK	135	138	135	0	17.42	19.1
662000	655336	BPSK	135	0	135	138	17.39	19.1

Ant 6_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	16.04	16.6

Ant 6_ECI 5/6

CA_n77C for part 27O								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	16.01	16.6
656000	662664	BPSK	135	138	135	0	16.11	16.6
662000	655336	BPSK	135	0	135	138	15.99	16.6

Ant 7_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	14.4	15.3

Ant 7_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	14.4	15.3
656000	662664	BPSK	135	138	135	0	14.47	15.3
662000	655336	BPSK	135	0	135	138	14.42	15.3

Ant 1_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	13.95	14.7

Ant 1_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	14.02	14.7
656000	662664	BPSK	135	138	135	0	14.08	14.7
662000	655336	BPSK	135	0	135	138	13.99	14.7

Ant 5_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
633332	639996	BPSK	135	138	135	0	17.32	18.4

Ant 5_ECI 5/6

CA_n77C for part 27Q								
Combination 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
650000	656664	BPSK	135	138	135	0	17.41	18.4
656000	662664	BPSK	135	138	135	0	17.42	18.4
662000	655336	BPSK	135	0	135	138	17.39	18.4

13. RF Exposure position consideration

Distance of the Antenna to the EUT surface/edge						
Antennas	Front	Back	Top Edge	Bottom Edge	Right Edge	Left Edge
WWAN Ant 0	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WWAN Ant 1	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
WWAN Ant 2	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WWAN Ant 5	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
WWAN Ant 6	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WWAN Ant 7	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WLAN/BT Ant 3	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
WLAN/BT Ant 4	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
WLAN Ant 3+4	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
NFC	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm

Positions for SAR test						
Antennas	Front	Back	Top Edge	Bottom Edge	Right Edge	Left Edge
WWAN Ant 0	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 1	Yes	Yes	Yes	No	Yes	Yes
WWAN Ant 2	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 5	Yes	Yes	Yes	No	Yes	Yes
WWAN Ant 6	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 6	Yes	Yes	No	Yes	Yes	Yes
WLAN/BT Ant 3	Yes	Yes	Yes	No	Yes	Yes
WLAN/BT Ant 4	Yes	Yes	Yes	No	Yes	Yes
WLAN Ant 3+4	Yes	Yes	Yes	No	Yes	Yes
NFC	Yes	Yes	Yes	No	Yes	Yes

General Note:

- Referring to KDB 941225 D06 v02r01, when the overall device length and width are ≥ 9cm*5cm. RF Exposure must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.
- The antenna location is illustrated in the Appendix H.

14. SAR Test Results

General Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. For SAR testing of WLAN signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
 - c. For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
 - d. For WLAN/Bluetooth: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
 - e. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The Reported TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
2. Per KDB 447498 D01v06, for each exposure position, testing of other required channels within the operating mode of a frequency band is not required when the *reported* 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
 - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
 - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz
3. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
4. Per KDB 648474 D04v01r03, when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected to the handset is not required.
5. For 5GHz and 6GHz WLAN product specific SAR is necessary too, due to an overall diagonal dimension is > 16 cm.
6. Per KDB 648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g product specific SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg, however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold, for this device the LTE B7/41 and FR1 n7/41/48 is required perform product specific condition and the results include in section 14.4.

GSM Note:

1. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested. Therefore, the GPRS (4Tx slots) for GSM850/GSM1900 is considered as the primary mode.
2. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

UMTS Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA is $\leq \frac{1}{4}$ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA, and according to the following RF output power, the output power results of the secondary modes (HSDPA / HSUPA) are less than $\frac{1}{4}$ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA.

LTE Note:

1. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
2. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
3. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
5. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
6. For LTE B4/B5/B12/B13/B14/B17/B26/B30/B38/B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
7. LTE band 2/4/5/17/38 SAR test was covered by Band 25/66/26/12/41; according to TCB workshop, SAR test for overlapping LTE bands can be reduced if
 - a. The maximum output power, including tolerance, for the smaller band is $\leq$ the larger band to qualify for the SAR test exclusion.
 - b. The channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.

5G NR Note:

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below:
 - a. To start SAR test for the largest channel bandwidth for PI/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for PI/2 BPSK SAR testing using 1RB PI/2 BPSK allocation procedure
 - b. For PI/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
 - c. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not $\frac{1}{2}$ dB higher than the same configuration in PI/2 BPSK, also reported SAR for the PI/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
 - d. Smaller bandwidth output power for each RB allocation configuration for this device is not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
 - e. For 5G FR1 n2/n5/n7/n12/n13/n14/n25/n26/n30/n41/n66/n70/n71/n77, the maximum channel bandwidth does not support three non-overlapping channels in the frequency band, the middle channel of the group of overlapping channels were selected for testing.
 - f. 5G NR band 2/5/38/78 SAR test was covered by Band 25/26/41/77; according to TCB workshop, SAR test for overlapping 5G NR bands can be reduced if
 - (1) The maximum output power, including tolerance, for the smaller band is $\leq$ the larger band to qualify for the SAR test exclusion.
 - (2) The channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.
 - g. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. And only for TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.
 - h. For NR FDD was establishing connections via a base station simulator to use for output power measurement and SAR testing.

Non-terrestrial Network Note:

1. Due to test setup limitations, SAR testing for Non-terrestrial Network was performed using Factory Test Mode software to establish the connection.
2. The device supports NTN NB-IoT; the RF exposure evaluation was performed at the highest single-carrier (SC) output power.
3. The NTN NB-IoT only support message transmission when device use on hand, therefore, the product specific condition is required for NTN operation.

WLAN Note:

1. The 802.11b/g supports both SISO and MIMO modes, while all other WLAN modes support MIMO only.
2. Per KDB 248227 D01v02r02, for 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test position when 802.11 DSS mode is active at transmit antenna 3 and 4.
3. Per KDB 248227 D01v02r02, for 2.4GHz WLAN MIMO operation for 802.11g/n, when the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured, so 802.11g mode is selected to be tested.
4. Per KDB 248227 D01v02r02, WLAN5.2GHz SAR testing is not required for hotspot and body-worn condition when the WLAN5.3GHz band highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for WLAN5.2GHz band.
5. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closest/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
6. For all positions / configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions / configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
7. For determining the SAR scaling factor in MIMO mode, if the RF hot spots are spatially separated, the scaling factors are individually derived from each transmit chain. If the hot spots are not spatially separated, the scaling factor is determined based on the worst number observed among all transmit chains.
8. The designation "3+4(3)" represents to a 2TX operation in which antennas 3 and 4 are active, and the reported SAR or conducted power data corresponds specifically to antenna 3.
9. The designation "3+4(4)" represents to a 2TX operation in which antennas 3 and 4 are active, and the reported SAR or conducted power data corresponds specifically to antenna 4.
10. During SAR testing, the WLAN transmit signal was continuously monitored using a spectrum analyzer to ensure continuous and stable signal output throughout the measurement.

WLAN PD Note:

1. The WiFi 6E PD was performed according 2020 TCB workshop RF Exposure 5G RFX Policies Interim Procedures.
2. First, evaluate SAR using 6-7 GHz parameters per IEC/IEEE 62209-1528:2020 and evaluate incident PD using the mmw near-field probe and total-field/power-density reconstruction method.
3. Per Interim Procedures. The power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty $> 30\%$. Total expanded uncertainty of 2.68 dB (85.4%) was used to determine the psPD measurement scaling factor
4. The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
5. The WiFi 6E RF Exposure results are used for simultaneous transmission analysis with the other transmitters and total exposure ratio, the analysis can be found in this report appendix F.
6. Absorbed power density (APD) using a 4cm² averaging area is reported based on SAR measurements.
7. Power density was calculated by repeated E-field measurements on two measurement planes separated by $\lambda/4$.
8. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.
9. The measurement procedure consists of measuring the PD_{inc} at two different distances: 2 mm (compliance distance) and $\lambda/5$. The grid extents should be large enough to fully capture the transmitted energy. The grid step should be fine enough to demonstrate that the integrated Power Density iPD_n fulfill the criterion described below. Since iPD ratio between the two distances is ≥ -1 dB, the grid step (0.0625) was sufficient for determining compliance at d=2mm.

$$10 \cdot \log_{10} \frac{iPD_n(2mm)}{iPD_n(\lambda/5)} \geq -1$$

**NFC Note:**

- NFC functions primarily under extremity exposure scenarios in hand-held use. Accordingly, standalone 10-gram extremity SAR testing is conducted in active transmission mode, using a 100% duty cycle and a 0 mm separation distance.
- Extremity SAR measurements for NFC are performed on all applicable edges and surfaces of the device.

14.1 Head SAR**【GSM SAR】**

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 0	ECI 2	189	836.4	29.83	30.30	1.114	-0.14	0.228	0.254
	GSM850	GPRS 4 Tx slots	Right Tilted	0mm	Ant 0	ECI 2	189	836.4	29.83	30.30	1.114	0.01	0.120	0.134
	GSM850	GPRS 4 Tx slots	Left Cheek	0mm	Ant 0	ECI 2	189	836.4	29.83	30.30	1.114	-0.00	0.491	0.547
	GSM850	GPRS 4 Tx slots	Left Tilted	0mm	Ant 0	ECI 2	189	836.4	29.83	30.30	1.114	0.12	0.134	0.149
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 0	ECI 3	189	836.4	28.51	29.60	1.285	0.07	0.136	0.175
	GSM850	GPRS 4 Tx slots	Right Tilted	0mm	Ant 0	ECI 3	189	836.4	28.51	29.60	1.285	0.10	0.072	0.093
	GSM850	GPRS 4 Tx slots	Left Cheek	0mm	Ant 0	ECI 3	189	836.4	28.51	29.60	1.285	-0.17	0.294	0.378
	GSM850	GPRS 4 Tx slots	Left Tilted	0mm	Ant 0	ECI 3	189	836.4	28.51	29.60	1.285	-0.15	0.080	0.103
01	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 1	ECI 2	189	836.4	26.33	27.50	1.309	-0.01	0.719	0.941
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 1	ECI 3	128	824.2	26.31	27.50	1.315	0.08	0.698	0.918
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 1	ECI 2	251	848.8	26.20	27.50	1.349	0.15	0.640	0.863
	GSM850	GPRS 4 Tx slots	Right Tilted	0mm	Ant 1	ECI 2	189	836.4	26.33	27.50	1.309	0.01	0.470	0.615
	GSM850	GPRS 4 Tx slots	Left Cheek	0mm	Ant 1	ECI 2	189	836.4	26.33	27.50	1.309	-0.07	0.402	0.526
	GSM850	GPRS 4 Tx slots	Left Tilted	0mm	Ant 1	ECI 2	189	836.4	26.33	27.50	1.309	-0.18	0.293	0.384
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 1	ECI 3	189	836.4	26.33	26.80	1.114	-0.01	0.719	0.801
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 1	ECI 3	128	824.2	26.31	26.80	1.119	0.08	0.698	0.781
	GSM850	GPRS 4 Tx slots	Right Cheek	0mm	Ant 1	ECI 3	251	848.8	26.20	26.80	1.148	0.15	0.640	0.735
	GSM850	GPRS 4 Tx slots	Right Tilted	0mm	Ant 1	ECI 3	189	836.4	26.33	26.80	1.114	0.01	0.470	0.524
	GSM850	GPRS 4 Tx slots	Left Cheek	0mm	Ant 1	ECI 3	189	836.4	26.33	26.80	1.114	-0.07	0.402	0.448
	GSM850	GPRS 4 Tx slots	Left Tilted	0mm	Ant 1	ECI 3	189	836.4	26.33	26.80	1.114	-0.18	0.293	0.326
02	GSM1900	GPRS 4 Tx slots	Right Cheek	0mm	Ant 2	ECI 2	512	1850.2	27.00	27.40	1.096	-0.09	0.424	0.465
	GSM1900	GPRS 4 Tx slots	Right Tilted	0mm	Ant 2	ECI 2	512	1850.2	27.00	27.40	1.096	0.01	0.178	0.195
	GSM1900	GPRS 4 Tx slots	Left Cheek	0mm	Ant 2	ECI 2	512	1850.2	27.00	27.40	1.096	-0.00	0.185	0.203
	GSM1900	GPRS 4 Tx slots	Left Tilted	0mm	Ant 2	ECI 2	512	1850.2	27.00	27.40	1.096	0.00	0.198	0.217
	GSM1900	GPRS 4 Tx slots	Right Cheek	0mm	Ant 2	ECI 3	512	1850.2	27.00	27.40	1.096	-0.09	0.424	0.465
	GSM1900	GPRS 4 Tx slots	Right Tilted	0mm	Ant 2	ECI 3	512	1850.2	27.00	27.40	1.096	0.01	0.178	0.195
	GSM1900	GPRS 4 Tx slots	Left Cheek	0mm	Ant 2	ECI 3	512	1850.2	27.00	27.40	1.096	-0.00	0.185	0.203
	GSM1900	GPRS 4 Tx slots	Left Tilted	0mm	Ant 2	ECI 3	512	1850.2	27.00	27.40	1.096	0.00	0.198	0.217
	GSM1900	GPRS 4 Tx slots	Right Cheek	0mm	Ant 0	ECI 2	810	1909.8	27.04	27.30	1.062	-0.17	0.022	0.023
	GSM1900	GPRS 4 Tx slots	Right Tilted	0mm	Ant 0	ECI 2	810	1909.8	27.04	27.30	1.062	0.12	0.023	0.024
	GSM1900	GPRS 4 Tx slots	Left Cheek	0mm	Ant 0	ECI 2	810	1909.8	27.04	27.30	1.062	-0.19	0.036	0.038
	GSM1900	GPRS 4 Tx slots	Left Tilted	0mm	Ant 0	ECI 2	810	1909.8	27.04	27.30	1.062	0.19	0.013	0.014
	GSM1900	GPRS 4 Tx slots	Right Cheek	0mm	Ant 0	ECI 3	810	1909.8	27.04	27.30	1.062	-0.17	0.022	0.023
	GSM1900	GPRS 4 Tx slots	Right Tilted	0mm	Ant 0	ECI 3	810	1909.8	27.04	27.30	1.062	0.12	0.023	0.024
	GSM1900	GPRS 4 Tx slots	Left Cheek	0mm	Ant 0	ECI 3	810	1909.8	27.04	27.30	1.062	-0.19	0.036	0.038
	GSM1900	GPRS 4 Tx slots	Left Tilted	0mm	Ant 0	ECI 3	810	1909.8	27.04	27.30	1.062	0.19	0.013	0.014

【WCDMA SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
03	WCDMA II	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	ECI 2	9400	1880	24.04	25.00	1.247	-0.05	0.537	0.670
	WCDMA II	RMC 12.2Kbps	Right Tilted	0mm	Ant 2	ECI 2	9400	1880	24.04	25.00	1.247	-0.00	0.234	0.292
	WCDMA II	RMC 12.2Kbps	Left Cheek	0mm	Ant 2	ECI 2	9400	1880	24.04	25.00	1.247	0.03	0.233	0.291
	WCDMA II	RMC 12.2Kbps	Left Tilted	0mm	Ant 2	ECI 2	9400	1880	24.04	25.00	1.247	0.03	0.247	0.308
	WCDMA II	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	ECI 3	9400	1880	24.04	25.00	1.247	-0.05	0.537	0.670
	WCDMA II	RMC 12.2Kbps	Right Tilted	0mm	Ant 2	ECI 3	9400	1880	24.04	25.00	1.247	-0.00	0.234	0.292
	WCDMA II	RMC 12.2Kbps	Left Cheek	0mm	Ant 2	ECI 3	9400	1880	24.04	25.00	1.247	0.03	0.233	0.291
	WCDMA II	RMC 12.2Kbps	Left Tilted	0mm	Ant 2	ECI 3	9400	1880	24.04	25.00	1.247	0.03	0.247	0.308
	WCDMA II	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	ECI 2	9400	1880	24.11	24.90	1.199	-0.16	0.056	0.067
	WCDMA II	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	ECI 2	9400	1880	24.11	24.90	1.199	-0.04	0.034	0.041
	WCDMA II	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	ECI 2	9400	1880	24.11	24.90	1.199	0.11	0.058	0.070
	WCDMA II	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	ECI 2	9400	1880	24.11	24.90	1.199	-0.14	0.035	0.042
	WCDMA II	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	ECI 3	9400	1880	24.11	24.90	1.199	-0.16	0.056	0.067
	WCDMA II	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	ECI 3	9400	1880	24.11	24.90	1.199	-0.04	0.034	0.041
	WCDMA II	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	ECI 3	9400	1880	24.11	24.90	1.199	0.11	0.058	0.070
	WCDMA II	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	ECI 3	9400	1880	24.11	24.90	1.199	-0.14	0.035	0.042



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04	WCDMA IV	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	ECI 2	1413	1732.6	24.27	25.00	1.183	0.10	0.305	0.361
	WCDMA IV	RMC 12.2Kbps	Right Tilted	0mm	Ant 2	ECI 2	1413	1732.6	24.27	25.00	1.183	-0.04	0.149	0.176
	WCDMA IV	RMC 12.2Kbps	Left Cheek	0mm	Ant 2	ECI 2	1413	1732.6	24.27	25.00	1.183	-0.14	0.124	0.147
	WCDMA IV	RMC 12.2Kbps	Left Tilted	0mm	Ant 2	ECI 2	1413	1732.6	24.27	25.00	1.183	0.16	0.130	0.154
	WCDMA IV	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	ECI 3	1413	1732.6	24.27	25.00	1.183	0.10	0.305	0.361
	WCDMA IV	RMC 12.2Kbps	Right Tilted	0mm	Ant 2	ECI 3	1413	1732.6	24.27	25.00	1.183	-0.04	0.149	0.176
	WCDMA IV	RMC 12.2Kbps	Left Cheek	0mm	Ant 2	ECI 3	1413	1732.6	24.27	25.00	1.183	-0.14	0.124	0.147
	WCDMA IV	RMC 12.2Kbps	Left Tilted	0mm	Ant 2	ECI 3	1413	1732.6	24.27	25.00	1.183	0.16	0.130	0.154
	WCDMA IV	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	ECI 2	1413	1732.6	24.26	24.80	1.132	-0.18	0.056	0.063
	WCDMA IV	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	ECI 2	1413	1732.6	24.26	24.80	1.132	-0.01	0.045	0.051
	WCDMA IV	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	ECI 2	1413	1732.6	24.26	24.80	1.132	-0.13	0.081	0.092
	WCDMA IV	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	ECI 2	1413	1732.6	24.26	24.80	1.132	-0.11	0.046	0.052
	WCDMA IV	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	ECI 3	1413	1732.6	24.26	24.80	1.132	-0.18	0.056	0.063
	WCDMA IV	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	ECI 3	1413	1732.6	24.26	24.80	1.132	-0.01	0.045	0.051
	WCDMA IV	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	ECI 3	1413	1732.6	24.26	24.80	1.132	-0.13	0.081	0.092
	WCDMA IV	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	ECI 3	1413	1732.6	24.26	24.80	1.132	-0.11	0.046	0.052
	WCDMA V	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	ECI 2	4182	836.4	24.45	25.00	1.135	-0.17	0.210	0.238
	WCDMA V	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	ECI 2	4182	836.4	24.45	25.00	1.135	0.03	0.114	0.129
	WCDMA V	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	ECI 2	4182	836.4	24.45	25.00	1.135	0.17	0.287	0.326
	WCDMA V	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	ECI 2	4182	836.4	24.45	25.00	1.135	-0.15	0.125	0.142
	WCDMA V	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	ECI 3	4182	836.4	24.45	25.00	1.135	-0.17	0.210	0.238
	WCDMA V	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	ECI 3	4182	836.4	24.45	25.00	1.135	0.03	0.114	0.129
	WCDMA V	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	ECI 3	4182	836.4	24.45	25.00	1.135	0.17	0.287	0.326
	WCDMA V	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	ECI 3	4182	836.4	24.45	25.00	1.135	-0.15	0.125	0.142
05	WCDMA V	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	ECI 2	4182	836.4	22.95	24.00	1.274	0.00	0.675	0.860
	WCDMA V	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	ECI 2	4132	826.4	22.89	24.00	1.291	0.00	0.581	0.750
	WCDMA V	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	ECI 2	4233	846.6	22.88	24.00	1.294	-0.14	0.629	0.814
	WCDMA V	RMC 12.2Kbps	Right Tilted	0mm	Ant 1	ECI 2	4182	836.4	22.95	24.00	1.274	0.01	0.521	0.664
	WCDMA V	RMC 12.2Kbps	Left Cheek	0mm	Ant 1	ECI 2	4182	836.4	22.95	24.00	1.274	-0.01	0.407	0.519
	WCDMA V	RMC 12.2Kbps	Left Tilted	0mm	Ant 1	ECI 2	4182	836.4	22.95	24.00	1.274	0.00	0.360	0.459
	WCDMA V	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	ECI 3	4182	836.4	22.95	23.20	1.059	0.00	0.675	0.715
	WCDMA V	RMC 12.2Kbps	Right Tilted	0mm	Ant 1	ECI 3	4182	836.4	22.95	23.20	1.059	0.01	0.521	0.552
	WCDMA V	RMC 12.2Kbps	Left Cheek	0mm	Ant 1	ECI 3	4182	836.4	22.95	23.20	1.059	-0.01	0.407	0.431
	WCDMA V	RMC 12.2Kbps	Left Tilted	0mm	Ant 1	ECI 3	4182	836.4	22.95	23.20	1.059	0.00	0.360	0.381

[LTE SAR]

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			0.16	0.715	0.802
	LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	20850	2510	22.77	23.30	1.13			0.16	0.671	0.758
06	LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	21350	2560	22.78	23.30	1.127			-0.11	0.714	0.805
	LTE Band 7	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			-0.02	0.683	0.766
	LTE Band 7	20M	QPSK	100	0	Right Cheek	0mm	Ant 2	ECI 2	21100	2535	22.81	23.30	1.119			0.00	0.677	0.758
	LTE Band 7	20M	QPSK	1	0	Right Tilted	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			0.09	0.205	0.230
	LTE Band 7	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			-0.07	0.207	0.232
	LTE Band 7	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			-0.06	0.359	0.403
	LTE Band 7	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			-0.07	0.369	0.414
	LTE Band 7	20M	QPSK	1	0	Left Tilted	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			-0.04	0.289	0.324
	LTE Band 7	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 2	21100	2535	22.80	23.30	1.122			-0.13	0.295	0.331
	LTE Band 7C	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	21350+21152	2560+2540.2	23.01	23.3	1.069			0.04	0.677	0.724
	LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			0.16	0.715	0.784
	LTE Band 7	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			-0.02	0.683	0.749
	LTE Band 7	20M	QPSK	1	0	Right Tilted	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			0.09	0.205	0.225
	LTE Band 7	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			-0.07	0.207	0.227
	LTE Band 7	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			-0.06	0.359	0.393
	LTE Band 7	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			-0.07	0.369	0.404
	LTE Band 7	20M	QPSK	1	0	Left Tilted	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			-0.04	0.289	0.317
	LTE Band 7	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 3	21100	2535	22.80	23.20	1.096			-0.13	0.295	0.323
	LTE Band 7C	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	21350+21152	2560+2540.2	23.01	23.20	1.045			0.04	0.677	0.707
	LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	21100	2535	24.25	24.90	1.161			0.19	0.086	0.100
	LTE Band 7	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 2	21100	2535	23.25	23.90	1.161			0.12	0.040	0.046
	LTE Band 7	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	21100	2535	24.25	24.90	1.161			0.16	0.022	0.026
	LTE Band 7	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 2	21100	2535	23.25	23.90	1.161			0.00	0.001	0.001
	LTE Band 7	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	21100	2535	24.25	24.90	1.161			0.00	0.046	0.053
	LTE Band 7	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 2	21100	2535	23.25	23.90	1.161			-0.03	0.038	0.044
	LTE Band 7	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	21100	2535	24.25	24.90	1.161			0.13	0.034	0.039
	LTE Band 7	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 2	21100	2535	23.25	23.90	1.161			-0.01	0.029	0.034
	LTE Band 7C	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	21350+21152	2560+2540.2	24.46	24.9	1.107			0.04	0.081	0.09
	LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	21100	2535	24.25	24.90	1.161			0.19	0.086	0.100
	LTE Band 7	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 3	21100	2535	23.25	23.90	1.161			0.12	0.040	0.046



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	LTE Band 7	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	21100	2535	24.25	24.90	1.161			0.16	0.022	0.026
	LTE Band 7	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 3	21100	2535	23.25	23.90	1.161			0.00	0.001	0.001
	LTE Band 7	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	21100	2535	24.25	24.90	1.161			0.00	0.046	0.053
	LTE Band 7	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 3	21100	2535	23.25	23.90	1.161			-0.03	0.038	0.044
	LTE Band 7	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	21100	2535	24.25	24.90	1.161			0.13	0.034	0.039
	LTE Band 7	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 3	21100	2535	23.25	23.90	1.161			-0.01	0.029	0.034
	LTE Band 7C	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	21350+21152	2560+2540.2	24.46	24.9	1.107			0.04	0.081	0.09
	LTE Band 12	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	23095	707.5	24.71	25.00	1.069			0.02	0.191	0.204
	LTE Band 12	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 2	23095	707.5	23.59	24.00	1.099			0.15	0.150	0.165
	LTE Band 12	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	23095	707.5	24.71	25.00	1.069			-0.07	0.116	0.124
	LTE Band 12	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 2	23095	707.5	23.59	24.00	1.099			0.13	0.088	0.097
	LTE Band 12	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	23095	707.5	24.71	25.00	1.069			0.14	0.285	0.305
	LTE Band 12	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 2	23095	707.5	23.59	24.00	1.099			-0.05	0.230	0.253
	LTE Band 12	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	23095	707.5	24.71	25.00	1.069			-0.11	0.131	0.140
	LTE Band 12	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 2	23095	707.5	23.59	24.00	1.099			-0.17	0.106	0.116
	LTE Band 12	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	23095	707.5	24.71	25.00	1.069			0.02	0.191	0.204
	LTE Band 12	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 3	23095	707.5	23.59	24.00	1.099			0.15	0.150	0.165
	LTE Band 12	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	23095	707.5	24.71	25.00	1.069			-0.07	0.116	0.124
	LTE Band 12	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 3	23095	707.5	23.59	24.00	1.099			0.13	0.088	0.097
	LTE Band 12	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	23095	707.5	24.71	25.00	1.069			0.14	0.285	0.305
	LTE Band 12	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 3	23095	707.5	23.59	24.00	1.099			-0.05	0.230	0.253
	LTE Band 12	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	23095	707.5	24.71	25.00	1.069			-0.11	0.131	0.140
	LTE Band 12	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 3	23095	707.5	23.59	24.00	1.099			-0.17	0.106	0.116
07	LTE Band 12	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	23095	707.5	22.41	24.10	1.476			0.02	0.672	0.992
	LTE Band 12	10M	QPSK	25	0	Right Cheek	0mm	Ant 1	ECI 2	23095	707.5	22.32	23.80	1.406			0.01	0.657	0.924
	LTE Band 12	10M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	23095	707.5	22.23	23.80	1.435			0.07	0.640	0.918
	LTE Band 12	10M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	23095	707.5	22.41	24.10	1.476			-0.03	0.527	0.778
	LTE Band 12	10M	QPSK	25	0	Right Tilted	0mm	Ant 1	ECI 2	23095	707.5	22.32	23.80	1.406			0.16	0.510	0.717
	LTE Band 12	10M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 2	23095	707.5	22.41	24.10	1.476			0.01	0.396	0.584
	LTE Band 12	10M	QPSK	25	0	Left Cheek	0mm	Ant 1	ECI 2	23095	707.5	22.32	23.80	1.406			-0.01	0.391	0.550
	LTE Band 12	10M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 2	23095	707.5	22.41	24.10	1.476			0.02	0.341	0.503
	LTE Band 12	10M	QPSK	25	0	Left Tilted	0mm	Ant 1	ECI 2	23095	707.5	22.32	23.80	1.406			-0.15	0.334	0.470
	LTE Band 12	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	23095	707.5	22.41	23.40	1.256			0.02	0.672	0.844
	LTE Band 12	10M	QPSK	25	0	Right Cheek	0mm	Ant 1	ECI 3	23095	707.5	22.32	23.40	1.282			0.01	0.657	0.842
	LTE Band 12	10M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	23095	707.5	22.23	23.40	1.309			0.07	0.640	0.838
	LTE Band 12	10M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 3	23095	707.5	22.41	23.40	1.256			-0.03	0.527	0.662
	LTE Band 12	10M	QPSK	25	0	Right Tilted	0mm	Ant 1	ECI 3	23095	707.5	22.32	23.40	1.282			0.16	0.510	0.654
	LTE Band 12	10M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 3	23095	707.5	22.41	23.40	1.256			0.01	0.396	0.497
	LTE Band 12	10M	QPSK	25	0	Left Cheek	0mm	Ant 1	ECI 3	23095	707.5	22.32	23.40	1.282			-0.01	0.391	0.501
	LTE Band 12	10M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 3	23095	707.5	22.41	23.40	1.256			0.02	0.341	0.428
	LTE Band 12	10M	QPSK	25	0	Left Tilted	0mm	Ant 1	ECI 3	23095	707.5	22.32	23.40	1.282			-0.15	0.334	0.428
	LTE Band 13	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	23230	782	24.60	25.00	1.096			0.04	0.258	0.283
	LTE Band 13	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 2	23230	782	23.52	24.00	1.117			-0.16	0.203	0.227
	LTE Band 13	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	23230	782	24.60	25.00	1.096			0.04	0.149	0.163
	LTE Band 13	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 2	23230	782	23.52	24.00	1.117			0.08	0.117	0.131
	LTE Band 13	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	23230	782	24.60	25.00	1.096			-0.11	0.359	0.393
	LTE Band 13	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 2	23230	782	23.52	24.00	1.117			0.05	0.281	0.314
	LTE Band 13	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	23230	782	24.60	25.00	1.096			-0.14	0.170	0.186
	LTE Band 13	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 2	23230	782	23.52	24.00	1.117			0.19	0.133	0.149
	LTE Band 13	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	23230	782	24.60	25.00	1.096			0.04	0.258	0.283
	LTE Band 13	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 3	23230	782	23.52	24.00	1.117			-0.16	0.203	0.227
	LTE Band 13	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	23230	782	24.60	25.00	1.096			0.04	0.149	0.163
	LTE Band 13	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 3	23230	782	23.52	24.00	1.117			0.08	0.117	0.131
	LTE Band 13	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	23230	782	24.60	25.00	1.096			-0.11	0.359	0.393
	LTE Band 13	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 3	23230	782	23.52	24.00	1.117			0.05	0.281	0.314
	LTE Band 13	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	23230	782	24.60	25.00	1.096			-0.14	0.170	0.186
	LTE Band 13	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 3	23230	782	23.52	24.00	1.117			0.19	0.133	0.149
08	LTE Band 13	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	23230	782	22.72	24.60	1.542			0.02	0.555	0.856
	LTE Band 13	10M	QPSK	25	0	Right Cheek	0mm	Ant 1	ECI 2	23230	782	22.52	23.80	1.343			-0.16	0.525	0.705
	LTE Band 13	10M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	23230	782	22.50	23.80	1.349			-0.13	0.522	0.704
	LTE Band 13	10M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	23230	782	22.72	24.60	1.542			0.03	0.374	0.577
	LTE Band 13	10M	QPSK	25	0	Right Tilted	0mm	Ant 1	ECI 2	23230	782	22.52	23.80	1.343			0.06	0.362	0.486
	LTE Band 13	10M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 2	23230	782	22.72	24.60	1.542			-0.01	0.330	0.509
	LTE Band 13	10M	QPSK	25	0	Left Cheek	0mm	Ant 1	ECI 2	23230	782	22.52	23.80	1.343			-0.03	0.320	0.430
	LTE Band 13	10M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 2	23230	782	22.72	24.60	1.542			0.02	0.263	0.406
	LTE Band 13	10M	QPSK	25	0	Left Tilted	0mm	Ant 1	ECI 2	23230	782	22.52	23.80	1.343			0.12	0.255	0.342
	LTE Band 13	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	23230	782	22.72	23.90	1.312			0.02	0.555	0.728
	LTE Band 13	10M	QPSK	25	0	Right Cheek	0mm	Ant 1	ECI 3	23230	782	22.52	23.80	1.343			-0.16	0.525	0.705
	LTE Band 13	10M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 3	23230	782	22.72	23.90	1.312			0.03	0.374	0.491
	LTE Band 13	10M	QPSK	25	0	Right Tilted	0mm	Ant 1	ECI 3	23230	782	22.52	23.80	1.343			0.06	0.362	0.486
	LTE Band 13	10M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 3	23230	782	22.72	23.90	1.312			-0.01	0.330	0.433
	LTE Band 13	10M	QPSK	25	0	Left Cheek	0mm	Ant 1	ECI 3	23230	782	22.52	23.80	1.343			-0.03	0.320	0.430
	LTE Band 13	10M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 3	23230	782	22.72	23.90	1.312			0.02	0.263	0.345



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	LTE Band 13	10M	QPSK	25	0	Left Tilted	0mm	Ant 1	ECI 3	23230	782	22.52	23.80	1.343			0.12	0.255	0.342
	LTE Band 14	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	23330	793	24.60	25.00	1.096			0.19	0.255	0.279
	LTE Band 14	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 2	23330	793	23.56	24.00	1.107			-0.07	0.220	0.244
	LTE Band 14	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	23330	793	24.60	25.00	1.096			-0.07	0.165	0.181
	LTE Band 14	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 2	23330	793	23.56	24.00	1.107			-0.06	0.132	0.146
	LTE Band 14	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	23330	793	24.60	25.00	1.096			0.17	0.353	0.387
	LTE Band 14	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 2	23330	793	23.56	24.00	1.107			0.02	0.274	0.303
	LTE Band 14	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	23330	793	24.60	25.00	1.096			-0.10	0.197	0.216
	LTE Band 14	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 2	23330	793	23.56	24.00	1.107			0.01	0.153	0.169
	LTE Band 14	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	23330	793	24.60	25.00	1.096			0.19	0.255	0.279
	LTE Band 14	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 3	23330	793	23.56	24.00	1.107			-0.07	0.220	0.244
	LTE Band 14	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	23330	793	24.60	25.00	1.096			-0.07	0.165	0.181
	LTE Band 14	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 3	23330	793	23.56	24.00	1.107			-0.06	0.132	0.146
	LTE Band 14	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	23330	793	24.60	25.00	1.096			0.17	0.353	0.387
	LTE Band 14	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 3	23330	793	23.56	24.00	1.107			0.02	0.274	0.303
	LTE Band 14	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	23330	793	24.60	25.00	1.096			-0.10	0.197	0.216
	LTE Band 14	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 3	23330	793	23.56	24.00	1.107			0.01	0.153	0.169
09	LTE Band 14	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	23330	793	22.09	23.70	1.449			0.01	0.672	0.974
	LTE Band 14	10M	QPSK	25	0	Right Cheek	0mm	Ant 1	ECI 2	23330	793	21.96	23.70	1.493			0.03	0.636	0.950
	LTE Band 14	10M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	23330	793	21.94	23.70	1.5			0.19	0.619	0.929
	LTE Band 14	10M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	23330	793	22.09	23.70	1.449			0.02	0.508	0.736
	LTE Band 14	10M	QPSK	25	0	Right Tilted	0mm	Ant 1	ECI 2	23330	793	21.96	23.70	1.493			0.12	0.483	0.721
	LTE Band 14	10M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 2	23330	793	22.09	23.70	1.449			0.01	0.447	0.648
	LTE Band 14	10M	QPSK	25	0	Left Cheek	0mm	Ant 1	ECI 2	23330	793	21.96	23.70	1.493			-0.13	0.427	0.638
	LTE Band 14	10M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 2	23330	793	22.09	23.70	1.449			0.02	0.344	0.498
	LTE Band 14	10M	QPSK	25	0	Left Tilted	0mm	Ant 1	ECI 2	23330	793	21.96	23.70	1.493			0.13	0.325	0.485
	LTE Band 14	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	23330	793	22.09	23.00	1.233			0.01	0.672	0.829
	LTE Band 14	10M	QPSK	25	0	Right Cheek	0mm	Ant 1	ECI 3	23330	793	21.96	23.00	1.271			0.03	0.636	0.808
	LTE Band 14	10M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	23330	793	21.94	23.00	1.276			0.19	0.619	0.790
	LTE Band 14	10M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 3	23330	793	22.09	23.00	1.233			0.02	0.508	0.626
	LTE Band 14	10M	QPSK	25	0	Right Tilted	0mm	Ant 1	ECI 3	23330	793	21.96	23.00	1.271			0.12	0.483	0.614
	LTE Band 14	10M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 3	23330	793	22.09	23.00	1.233			0.01	0.447	0.551
	LTE Band 14	10M	QPSK	25	0	Left Cheek	0mm	Ant 1	ECI 3	23330	793	21.96	23.00	1.271			-0.13	0.427	0.543
	LTE Band 14	10M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 3	23330	793	22.09	23.00	1.233			0.02	0.344	0.424
	LTE Band 14	10M	QPSK	25	0	Left Tilted	0mm	Ant 1	ECI 3	23330	793	21.96	23.00	1.271			0.13	0.325	0.413
	LTE Band 25	20M	QPSK	1	99	Right Cheek	0mm	Ant 2	ECI 2	26340	1880	24.21	25.00	1.199			-0.06	0.619	0.742
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 2	26340	1880	23.21	24.00	1.199			-0.18	0.472	0.566
	LTE Band 25	20M	QPSK	1	99	Right Tilted	0mm	Ant 2	ECI 2	26340	1880	24.21	25.00	1.199			-0.11	0.186	0.223
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 2	26340	1880	23.21	24.00	1.199			0.07	0.152	0.182
	LTE Band 25	20M	QPSK	1	99	Left Cheek	0mm	Ant 2	ECI 2	26340	1880	24.21	25.00	1.199			0.05	0.330	0.396
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 2	26340	1880	23.21	24.00	1.199			0.14	0.259	0.311
	LTE Band 25	20M	QPSK	1	99	Left Tilted	0mm	Ant 2	ECI 2	26340	1880	24.21	25.00	1.199			-0.05	0.157	0.188
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 2	26340	1880	23.21	24.00	1.199			0.01	0.129	0.155
	LTE Band 25	20M	QPSK	1	99	Right Cheek	0mm	Ant 2	ECI 3	26340	1880	24.21	25.00	1.199			-0.06	0.619	0.742
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 3	26340	1880	23.21	24.00	1.199			-0.18	0.472	0.566
	LTE Band 25	20M	QPSK	1	99	Right Tilted	0mm	Ant 2	ECI 3	26340	1880	24.21	25.00	1.199			-0.11	0.186	0.223
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 3	26340	1880	23.21	24.00	1.199			0.07	0.152	0.182
	LTE Band 25	20M	QPSK	1	99	Left Cheek	0mm	Ant 2	ECI 3	26340	1880	24.21	25.00	1.199			0.05	0.330	0.396
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 3	26340	1880	23.21	24.00	1.199			0.14	0.259	0.311
	LTE Band 25	20M	QPSK	1	99	Left Tilted	0mm	Ant 2	ECI 3	26340	1880	24.21	25.00	1.199			-0.05	0.157	0.188
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 3	26340	1880	23.21	24.00	1.199			0.01	0.129	0.155
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	26340	1880	24.03	24.90	1.222			0.10	0.041	0.050
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 2	26340	1880	23.03	23.90	1.222			0.05	0.031	0.038
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	26340	1880	24.03	24.90	1.222			0.03	0.030	0.037
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 2	26340	1880	23.03	23.90	1.222			0.00	0.001	0.001
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	26340	1880	24.03	24.90	1.222			-0.05	0.062	0.076
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 2	26340	1880	23.03	23.90	1.222			-0.01	0.051	0.062
	LTE Band 25	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	26340	1880	24.03	24.90	1.222			-0.10	0.013	0.016
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 2	26340	1880	23.03	23.90	1.222			0.00	0.001	0.001
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	26340	1880	24.03	24.90	1.222			0.10	0.041	0.050
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 3	26340	1880	23.03	23.90	1.222			0.05	0.031	0.038
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	26340	1880	24.03	24.90	1.222			0.03	0.030	0.037
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 3	26340	1880	23.03	23.90	1.222			0.00	0.001	0.001
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	26340	1880	24.03	24.90	1.222			-0.05	0.062	0.076
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 3	26340	1880	23.03	23.90	1.222			-0.01	0.051	0.062
	LTE Band 25	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	26340	1880	24.03	24.90	1.222			-0.10	0.013	0.016
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 3	26340	1880	23.03	23.90	1.222			0.00	0.001	0.001
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			-0.00	0.728	0.978
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	26140	1860	17.41	18.70	1.346			-0.16	0.511	0.688
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	26340	1880	17.41	18.70	1.346			0.17	0.602	0.810
10	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			-0.04	0.739	0.992
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	26140	1860	17.41	18.70	1.346			0.13	0.503	0.677
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	26340	1880	17.41	18.70	1.346			-0.03	0.621	0.836



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	LTE Band 25	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	26590	1905	17.40	18.70	1.349			-0.01	0.726	0.979
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			0.15	0.637	0.855
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	26140	1860	17.41	18.70	1.346			0.15	0.425	0.572
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	26340	1880	17.41	18.70	1.346			0.02	0.533	0.717
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			0.04	0.643	0.864
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	26140	1860	17.41	18.70	1.346			0.14	0.438	0.590
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	26340	1880	17.41	18.70	1.346			-0.13	0.539	0.725
	LTE Band 25	20M	QPSK	100	0	Right Tilted	0mm	Ant 1	ECI 2	26590	1905	17.40	18.70	1.349			0.17	0.632	0.853
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			0.04	0.452	0.607
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			-0.12	0.457	0.614
	LTE Band 25	20M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			-0.08	0.399	0.536
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 1	ECI 2	26590	1905	17.42	18.70	1.343			0.01	0.405	0.544
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			-0.00	0.728	0.813
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	26140	1860	17.41	17.90	1.119			-0.16	0.511	0.572
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	26340	1880	17.41	17.90	1.119			0.17	0.602	0.674
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			-0.04	0.739	0.825
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	26140	1860	17.41	17.90	1.119			0.13	0.503	0.563
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	26340	1880	17.41	17.90	1.119			-0.03	0.621	0.695
	LTE Band 25	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 3	26590	1905	17.40	17.90	1.122			-0.01	0.726	0.815
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			0.15	0.637	0.712
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			0.04	0.643	0.718
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			0.04	0.452	0.505
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			-0.12	0.457	0.510
	LTE Band 25	20M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			-0.08	0.399	0.446
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 1	ECI 3	26590	1905	17.42	17.90	1.117			0.01	0.405	0.452
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 5	ECI 2	26340	1880	16.55	18.20	1.462			0.12	0.523	0.765
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 5	ECI 2	26340	1880	16.61	18.20	1.442			0.10	0.541	0.780
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 5	ECI 2	26340	1880	16.55	18.20	1.462			0.12	0.089	0.130
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 5	ECI 2	26340	1880	16.61	18.20	1.442			0.04	0.091	0.131
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	26340	1880	16.55	18.20	1.462			-0.18	0.632	0.924
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	26140	1860	16.44	18.20	1.5			0.10	0.661	0.992
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	26590	1905	16.47	18.20	1.489			-0.15	0.632	0.941
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	26340	1880	16.61	18.20	1.442			0.07	0.648	0.934
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	26140	1860	16.45	18.20	1.496			-0.11	0.658	0.984
	LTE Band 25	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	26590	1905	16.41	18.20	1.51			0.07	0.638	0.963
	LTE Band 25	20M	QPSK	100	0	Left Cheek	0mm	Ant 5	ECI 2	26340	1880	16.50	18.20	1.479			0.13	0.599	0.886
	LTE Band 25	20M	QPSK	1	0	Left Tilted	0mm	Ant 5	ECI 2	26340	1880	16.55	18.20	1.462			-0.08	0.128	0.187
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 5	ECI 2	26340	1880	16.61	18.20	1.442			-0.02	0.131	0.189
	LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 5	ECI 3	26340	1880	15.18	15.90	1.18			0.16	0.310	0.366
	LTE Band 25	20M	QPSK	50	0	Right Cheek	0mm	Ant 5	ECI 3	26340	1880	15.20	15.90	1.175			-0.13	0.316	0.371
	LTE Band 25	20M	QPSK	1	0	Right Tilted	0mm	Ant 5	ECI 3	26340	1880	15.18	15.90	1.18			0.07	0.060	0.071
	LTE Band 25	20M	QPSK	50	0	Right Tilted	0mm	Ant 5	ECI 3	26340	1880	15.20	15.90	1.175			-0.09	0.060	0.071
	LTE Band 25	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	26340	1880	15.18	15.90	1.18			0.04	0.425	0.502
	LTE Band 25	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	26340	1880	15.20	15.90	1.175			-0.19	0.430	0.505
	LTE Band 25	20M	QPSK	1	0	Left Tilted	0mm	Ant 5	ECI 3	26340	1880	15.18	15.90	1.18			0.10	0.086	0.101
	LTE Band 25	20M	QPSK	50	0	Left Tilted	0mm	Ant 5	ECI 3	26340	1880	15.20	15.90	1.175			-0.19	0.087	0.102
	LTE Band 26	15M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	26865	831.5	24.42	25.00	1.143			-0.02	0.241	0.275
	LTE Band 26	15M	QPSK	36	0	Right Cheek	0mm	Ant 0	ECI 2	26865	831.5	23.26	24.00	1.186			-0.18	0.224	0.266
	LTE Band 26	15M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	26865	831.5	24.42	25.00	1.143			0.01	0.170	0.194
	LTE Band 26	15M	QPSK	36	0	Right Tilted	0mm	Ant 0	ECI 2	26865	831.5	23.26	24.00	1.186			-0.14	0.130	0.154
	LTE Band 26	15M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	26865	831.5	24.42	25.00	1.143			0.09	0.371	0.424
	LTE Band 26	15M	QPSK	36	0	Left Cheek	0mm	Ant 0	ECI 2	26865	831.5	23.26	24.00	1.186			-0.09	0.291	0.345
	LTE Band 26	15M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	26865	831.5	24.42	25.00	1.143			-0.16	0.199	0.227
	LTE Band 26	15M	QPSK	36	0	Left Tilted	0mm	Ant 0	ECI 2	26865	831.5	23.26	24.00	1.186			0.11	0.156	0.185
	LTE Band 5B	10M	QPSK	1	49	Left Cheek	0mm	Ant 0	ECI 2	20475+20574	831.5+841.4	24.47	25	1.130			0.06	0.362	0.409
	LTE Band 26	15M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	26865	831.5	24.42	25.00	1.143			-0.02	0.241	0.275
	LTE Band 26	15M	QPSK	36	0	Right Cheek	0mm	Ant 0	ECI 3	26865	831.5	23.26	24.00	1.186			-0.18	0.224	0.266
	LTE Band 26	15M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	26865	831.5	24.42	25.00	1.143			0.01	0.170	0.194
	LTE Band 26	15M	QPSK	36	0	Right Tilted	0mm	Ant 0	ECI 3	26865	831.5	23.26	24.00	1.186			-0.14	0.130	0.154
	LTE Band 26	15M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	26865	831.5	24.42	25.00	1.143			0.09	0.371	0.424
	LTE Band 26	15M	QPSK	36	0	Left Cheek	0mm	Ant 0	ECI 3	26865	831.5	23.26	24.00	1.186			-0.09	0.291	0.345
	LTE Band 26	15M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	26865	831.5	24.42	25.00	1.143			-0.16	0.199	0.227
	LTE Band 26	15M	QPSK	36	0	Left Tilted	0mm	Ant 0	ECI 3	26865	831.5	23.26	24.00	1.186			0.11	0.156	0.185
	LTE Band 5B	10M	QPSK	1	49	Left Cheek	0mm	Ant 0	ECI 3	20475+20574	831.5+841.4	24.47	25	1.130			0.06	0.362	0.409
11	LTE Band 26	15M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	26865	831.5	22.19	23.60	1.384			-0.02	0.709	0.981
	LTE Band 26	15M	QPSK	36	0	Right Cheek	0mm	Ant 1	ECI 2	26865	831.5	22.08	23.60	1.419			-0.12	0.688	0.976
	LTE Band 26	15M	QPSK	75	0	Right Cheek	0mm	Ant 1	ECI 2	26865	831.5	22.05	23.60	1.429			0.08	0.680	0.972
	LTE Band 26	15M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	26865	831.5	22.19	23.60	1.384			0.03	0.499	0.691
	LTE Band 26	15M	QPSK	36	0	Right Tilted	0mm	Ant 1	ECI 2	26865	831.5	22.08	23.60	1.419			0.01	0.486	0.690
	LTE Band 26	15M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 2	26865	831.5	22.19	23.60	1.384			0.00	0.462	0.639
	LTE Band 26	15M	QPSK	36	0	Left Cheek	0mm	Ant 1	ECI 2	26865	831.5	22.08	23.60	1.419			-0.12	0.450	0.639
	LTE Band 26	15M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 2	26865	831.5	22.19	23.60	1.384			-0.00	0.339	0.469
	LTE Band 26	15M	QPSK	36	0	Left Tilted	0mm	Ant 1	ECI 2	26865	831.5	22.08	23.60	1.419			0.11	0.333	0.473



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	LTE Band 5B	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	20600+20501	844+834.1	22.44	23.6	1.306			-0.07	0.688	0.899
	LTE Band 5B	10M	QPSK	1	49	Right Cheek	0mm	Ant 1	ECI 2	20450+20549	829+838.9	22.3	23.6	1.349			0.06	0.677	0.913
	LTE Band 5B	10M	QPSK	1	49	Right Cheek	0mm	Ant 1	ECI 2	20475+20574	831.5+841.4	22.39	23.6	1.321			-0.12	0.699	0.923
	LTE Band 26	15M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	26865	831.5	22.19	22.90	1.178			-0.02	0.709	0.835
	LTE Band 26	15M	QPSK	36	0	Right Cheek	0mm	Ant 1	ECI 3	26865	831.5	22.08	22.90	1.208			-0.12	0.688	0.831
	LTE Band 26	15M	QPSK	75	0	Right Cheek	0mm	Ant 1	ECI 3	26865	831.5	22.05	22.90	1.216			0.08	0.680	0.827
	LTE Band 26	15M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 3	26865	831.5	22.19	22.90	1.178			0.03	0.499	0.588
	LTE Band 26	15M	QPSK	36	0	Right Tilted	0mm	Ant 1	ECI 3	26865	831.5	22.08	22.90	1.208			0.01	0.486	0.587
	LTE Band 26	15M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 3	26865	831.5	22.19	22.90	1.178			0.00	0.462	0.544
	LTE Band 26	15M	QPSK	36	0	Left Cheek	0mm	Ant 1	ECI 3	26865	831.5	22.08	22.90	1.208			-0.12	0.450	0.544
	LTE Band 26	15M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 3	26865	831.5	22.19	22.90	1.178			-0.00	0.339	0.399
	LTE Band 26	15M	QPSK	36	0	Left Tilted	0mm	Ant 1	ECI 3	26865	831.5	22.08	22.90	1.208			0.11	0.333	0.402
	LTE Band 5B	10M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	20600+20501	844+834.1	22.44	22.9	1.112			-0.07	0.688	0.765
12	LTE Band 30	10M	QPSK	1	49	Right Cheek	0mm	Ant 2	ECI 2	27710	2310	23.91	24.10	1.045			0.05	0.760	0.794
	LTE Band 30	10M	QPSK	25	0	Right Cheek	0mm	Ant 2	ECI 2	27710	2310	22.84	23.60	1.191			-0.14	0.592	0.705
	LTE Band 30	10M	QPSK	1	49	Right Tilted	0mm	Ant 2	ECI 2	27710	2310	23.91	24.10	1.045			-0.01	0.329	0.344
	LTE Band 30	10M	QPSK	25	0	Right Tilted	0mm	Ant 2	ECI 2	27710	2310	22.84	23.60	1.191			-0.05	0.256	0.305
	LTE Band 30	10M	QPSK	1	49	Left Cheek	0mm	Ant 2	ECI 2	27710	2310	23.91	24.10	1.045			0.06	0.408	0.426
	LTE Band 30	10M	QPSK	25	0	Left Cheek	0mm	Ant 2	ECI 2	27710	2310	22.84	23.60	1.191			0.09	0.312	0.372
	LTE Band 30	10M	QPSK	1	49	Left Tilted	0mm	Ant 2	ECI 2	27710	2310	23.91	24.10	1.045			-0.02	0.383	0.400
	LTE Band 30	10M	QPSK	25	0	Left Tilted	0mm	Ant 2	ECI 2	27710	2310	22.84	23.60	1.191			-0.06	0.305	0.363
	LTE Band 30	10M	QPSK	1	49	Right Cheek	0mm	Ant 2	ECI 3	27710	2310	23.91	24.00	1.021			0.05	0.760	0.776
	LTE Band 30	10M	QPSK	25	0	Right Cheek	0mm	Ant 2	ECI 3	27710	2310	22.84	23.60	1.191			-0.14	0.592	0.705
	LTE Band 30	10M	QPSK	1	49	Right Tilted	0mm	Ant 2	ECI 3	27710	2310	23.91	24.00	1.021			-0.01	0.329	0.336
	LTE Band 30	10M	QPSK	25	0	Right Tilted	0mm	Ant 2	ECI 3	27710	2310	22.84	23.60	1.191			-0.05	0.256	0.305
	LTE Band 30	10M	QPSK	1	49	Left Cheek	0mm	Ant 2	ECI 3	27710	2310	23.91	24.00	1.021			0.06	0.408	0.417
	LTE Band 30	10M	QPSK	25	0	Left Cheek	0mm	Ant 2	ECI 3	27710	2310	22.84	23.60	1.191			0.09	0.312	0.372
	LTE Band 30	10M	QPSK	1	49	Left Tilted	0mm	Ant 2	ECI 3	27710	2310	23.91	24.00	1.021			-0.02	0.383	0.391
	LTE Band 30	10M	QPSK	25	0	Left Tilted	0mm	Ant 2	ECI 3	27710	2310	22.84	23.60	1.191			-0.06	0.305	0.363
	LTE Band 30	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	27710	2310	23.92	24.60	1.169			-0.14	0.081	0.095
	LTE Band 30	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 2	27710	2310	22.96	23.60	1.159			0.08	0.043	0.050
	LTE Band 30	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	27710	2310	23.92	24.60	1.169			-0.04	0.021	0.025
	LTE Band 30	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 2	27710	2310	22.96	23.60	1.159			-0.10	0.017	0.020
	LTE Band 30	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	27710	2310	23.92	24.60	1.169			-0.18	0.038	0.044
	LTE Band 30	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 2	27710	2310	22.96	23.60	1.159			0.09	0.029	0.034
	LTE Band 30	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	27710	2310	23.92	24.60	1.169			0.17	0.018	0.021
	LTE Band 30	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 2	27710	2310	22.96	23.60	1.159			0.00	0.001	0.001
	LTE Band 30	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	27710	2310	23.92	24.60	1.169			-0.14	0.081	0.095
	LTE Band 30	10M	QPSK	25	0	Right Cheek	0mm	Ant 0	ECI 3	27710	2310	22.96	23.60	1.159			0.08	0.043	0.050
	LTE Band 30	10M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	27710	2310	23.92	24.60	1.169			-0.04	0.021	0.025
	LTE Band 30	10M	QPSK	25	0	Right Tilted	0mm	Ant 0	ECI 3	27710	2310	22.96	23.60	1.159			-0.10	0.017	0.020
	LTE Band 30	10M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	27710	2310	23.92	24.60	1.169			-0.18	0.038	0.044
	LTE Band 30	10M	QPSK	25	0	Left Cheek	0mm	Ant 0	ECI 3	27710	2310	22.96	23.60	1.159			0.09	0.029	0.034
	LTE Band 30	10M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	27710	2310	23.92	24.60	1.169			0.17	0.018	0.021
	LTE Band 30	10M	QPSK	25	0	Left Tilted	0mm	Ant 0	ECI 3	27710	2310	22.96	23.60	1.159			0.00	0.001	0.001
	LTE Band 66	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	132322	1745	24.24	25.00	1.191			-0.12	0.350	0.417
	LTE Band 66	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 2	132322	1745	23.17	24.00	1.211			0.11	0.244	0.295
	LTE Band 66	20M	QPSK	1	0	Right Tilted	0mm	Ant 2	ECI 2	132322	1745	24.24	25.00	1.191			-0.17	0.142	0.169
	LTE Band 66	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 2	132322	1745	23.17	24.00	1.211			0.08	0.125	0.151
	LTE Band 66	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	ECI 2	132322	1745	24.24	25.00	1.191			-0.13	0.151	0.180
	LTE Band 66	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 2	132322	1745	23.17	24.00	1.211			0.15	0.123	0.149
	LTE Band 66	20M	QPSK	1	0	Left Tilted	0mm	Ant 2	ECI 2	132322	1745	24.24	25.00	1.191			-0.08	0.136	0.162
	LTE Band 66	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 2	132322	1745	23.17	24.00	1.211			0.10	0.118	0.143
	LTE Band 66B	15M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	132322+132229	1745+1735.7	24.22	25	1.197			0.01	0.333	0.399
	LTE Band 66C	20M	QPSK	1	99	Right Cheek	0mm	Ant 2	ECI 2	132072+132270	1720+1739.8	24.23	25	1.194			0.08	0.344	0.411
	LTE Band 66	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	132322	1745	24.24	25.00	1.191			-0.12	0.350	0.417
	LTE Band 66	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 3	132322	1745	23.17	24.00	1.211			0.11	0.244	0.295
	LTE Band 66	20M	QPSK	1	0	Right Tilted	0mm	Ant 2	ECI 3	132322	1745	24.24	25.00	1.191			-0.17	0.142	0.169
	LTE Band 66	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 3	132322	1745	23.17	24.00	1.211			0.08	0.125	0.151
	LTE Band 66	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	ECI 3	132322	1745	24.24	25.00	1.191			-0.13	0.151	0.180
	LTE Band 66	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 3	132322	1745	23.17	24.00	1.211			0.15	0.123	0.149
	LTE Band 66	20M	QPSK	1	0	Left Tilted	0mm	Ant 2	ECI 3	132322	1745	24.24	25.00	1.191			-0.08	0.136	0.162
	LTE Band 66	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 3	132322	1745	23.17	24.00	1.211			0.10	0.118	0.143
	LTE Band 66B	15M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	132322+132229	1745+1735.7	24.22	25	1.197			0.01	0.333	0.399
	LTE Band 66C	20M	QPSK	1	99	Right Cheek	0mm	Ant 2	ECI 3	132072+132270	1720+1739.8	24.23	25	1.194			0.08	0.344	0.411
	LTE Band 66	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	132322	1745	24.30	25.00	1.175			0.02	0.007	0.008
	LTE Band 66	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 2	132322	1745	23.25	24.00	1.189			-0.18	0.006	0.007
	LTE Band 66	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	132322	1745	24.30	25.00	1.175			-0.10	0.004	0.005
	LTE Band 66	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 2	132322	1745	23.25	24.00	1.189			0.00	0.001	0.001
	LTE Band 66	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	132322	1745	24.30	25.00	1.175			0.13	0.097	0.114
	LTE Band 66	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 2	132322	1745	23.25	24.00	1.189			0.06	0.034	0.040
	LTE Band 66	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	132322	1745	24.30	25.00	1.175			-0.03	0.032	0.038
	LTE Band 66	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 2	132322	1745	23.25	24.00	1.189			0.00	0.001	0.001



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	LTE Band 66B	15M	QPSK	1	74	Left Cheek	0mm	Ant 0	ECI 2	132047+132140	1717.5+1726.8	24.23	25	1.194			-0.01	0.085	0.101
	LTE Band 66C	20M	QPSK	1	99	Left Cheek	0mm	Ant 0	ECI 2	132072+132270	1720+1739.8	24.22	25	1.197			-0.06	0.089	0.107
	LTE Band 66	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	132322	1745	24.30	25.00	1.175			0.02	0.007	0.008
	LTE Band 66	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 3	132322	1745	23.25	24.00	1.189			-0.18	0.006	0.007
	LTE Band 66	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	132322	1745	24.30	25.00	1.175			-0.10	0.004	0.005
	LTE Band 66	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 3	132322	1745	23.25	24.00	1.189			0.00	0.001	0.001
	LTE Band 66	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	132322	1745	24.30	25.00	1.175			0.13	0.097	0.114
	LTE Band 66	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 3	132322	1745	23.25	24.00	1.189			-0.12	0.034	0.040
	LTE Band 66	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	132322	1745	24.30	25.00	1.175			-0.03	0.032	0.038
	LTE Band 66	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 3	132322	1745	23.25	24.00	1.189			0.00	0.001	0.001
	LTE Band 66B	15M	QPSK	1	74	Left Cheek	0mm	Ant 0	ECI 3	132047+132140	1717.5+1726.8	24.23	25	1.194			-0.01	0.085	0.101
	LTE Band 66C	20M	QPSK	1	99	Left Cheek	0mm	Ant 0	ECI 3	132072+132270	1720+1739.8	24.22	25	1.197			-0.06	0.089	0.107
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	132572	1770	19.30	20.00	1.175			-0.11	0.830	0.975
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	132072	1720	19.13	20.00	1.222			-0.11	0.699	0.854
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	132322	1745	19.11	20.00	1.227			0.13	0.664	0.815
	LTE Band 66	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	132572	1770	19.21	20.00	1.199			-0.06	0.788	0.945
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	132072	1720	19.10	20.00	1.23			-0.13	0.654	0.804
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	132322	1745	19.12	20.00	1.225			0.18	0.672	0.823
	LTE Band 66	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	132572	1770	19.16	20.00	1.213			-0.11	0.762	0.924
	LTE Band 66	20M	QPSK	1	99	Right Tilted	0mm	Ant 1	ECI 2	132572	1770	19.30	20.00	1.175			-0.01	0.624	0.733
	LTE Band 66	20M	QPSK	50	50	Right Tilted	0mm	Ant 1	ECI 2	132572	1770	19.21	20.00	1.199			-0.10	0.607	0.728
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 2	132572	1770	19.30	20.00	1.175			-0.11	0.762	0.895
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 2	132072	1720	19.13	20.00	1.222			0.10	0.670	0.819
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 2	132322	1745	19.11	20.00	1.227			-0.01	0.677	0.831
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 2	132572	1770	19.21	20.00	1.199			0.03	0.679	0.814
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 2	132072	1720	19.10	20.00	1.23			0.02	0.651	0.801
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 2	132322	1745	19.12	20.00	1.225			-0.15	0.662	0.811
	LTE Band 66	20M	QPSK	100	0	Left Cheek	0mm	Ant 1	ECI 2	132572	1770	19.16	20.00	1.213			0.17	0.670	0.813
	LTE Band 66	20M	QPSK	1	99	Left Tilted	0mm	Ant 1	ECI 2	132572	1770	19.30	20.00	1.175			-0.14	0.350	0.411
	LTE Band 66	20M	QPSK	50	50	Left Tilted	0mm	Ant 1	ECI 2	132572	1770	19.21	20.00	1.199			0.17	0.343	0.411
	LTE Band 66B	15M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	132322+132229	1745+1735.7	19.25	20	1.189			-0.01	0.780	0.927
	LTE Band 66B	15M	QPSK	1	74	Right Cheek	0mm	Ant 1	ECI 2	132047+132140	1717.5+1726.8	19.22	20	1.197			0.07	0.746	0.893
	LTE Band 66B	15M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	132597+132504	1772.5+1763.2	19.24	20	1.191			-0.03	0.741	0.883
	LTE Band 66C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	132572+132374	1770+1750.2	19.25	20	1.189			0.08	0.782	0.93
	LTE Band 66C	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	132072+132270	1720+1739.8	19.13	20	1.222			0.04	0.744	0.909
	LTE Band 66C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	132322+132124	1745+1725.2	19.07	20	1.239			0.09	0.743	0.921
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	132572	1770	19.30	19.30	1.0			-0.11	0.830	0.830
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	132072	1720	19.13	19.30	1.04			-0.11	0.699	0.727
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	132322	1745	19.11	19.30	1.045			0.13	0.664	0.694
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	132572	1770	19.21	19.30	1.021			-0.06	0.788	0.805
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	132072	1720	19.10	19.30	1.047			-0.13	0.654	0.685
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	132322	1745	19.12	19.30	1.042			0.18	0.672	0.700
	LTE Band 66	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 3	132572	1770	19.16	19.30	1.033			-0.11	0.762	0.787
	LTE Band 66	20M	QPSK	1	99	Right Tilted	0mm	Ant 1	ECI 3	132572	1770	19.30	19.30	1.0			-0.01	0.624	0.624
	LTE Band 66	20M	QPSK	50	50	Right Tilted	0mm	Ant 1	ECI 3	132572	1770	19.21	19.30	1.021			-0.10	0.607	0.620
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 3	132572	1770	19.30	19.30	1.0			-0.11	0.762	0.762
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 3	132572	1770	19.21	19.30	1.021			0.03	0.679	0.693
	LTE Band 66	20M	QPSK	1	99	Left Tilted	0mm	Ant 1	ECI 3	132572	1770	19.30	19.30	1.0			-0.14	0.350	0.350
	LTE Band 66	20M	QPSK	50	50	Left Tilted	0mm	Ant 1	ECI 3	132572	1770	19.21	19.30	1.021			0.17	0.343	0.350
	LTE Band 66B	15M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	132322+132229	1745+1735.7	19.25	19.3	1.012			-0.01	0.780	0.789
	LTE Band 66C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	132572+132374	1770+1750.2	19.25	19.3	1.012			0.08	0.782	0.791
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 5	ECI 2	132572	1770	16.42	17.90	1.406			0.03	0.360	0.506
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 5	ECI 2	132572	1770	16.36	17.90	1.426			-0.00	0.364	0.519
	LTE Band 66	20M	QPSK	1	99	Right Tilted	0mm	Ant 5	ECI 2	132572	1770	16.42	17.90	1.406			-0.09	0.076	0.107
	LTE Band 66	20M	QPSK	50	50	Right Tilted	0mm	Ant 5	ECI 2	132572	1770	16.36	17.90	1.426			-0.04	0.076	0.108
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	132572	1770	16.42	17.90	1.406			-0.19	0.650	0.914
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	132072	1720	16.35	17.90	1.429			-0.13	0.660	0.943
	LTE Band 66	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	132322	1745	16.35	17.90	1.429			-0.06	0.683	0.976
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	132572	1770	16.36	17.90	1.426			0.12	0.651	0.928
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	132072	1720	16.30	17.90	1.445			-0.13	0.659	0.952
13	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	132322	1745	16.31	17.90	1.442			0.04	0.684	0.986
	LTE Band 66	20M	QPSK	100	0	Left Cheek	0mm	Ant 5	ECI 2	132572	1770	16.34	17.90	1.432			0.14	0.668	0.957
	LTE Band 66	20M	QPSK	1	99	Left Tilted	0mm	Ant 5	ECI 2	132572	1770	16.42	17.90	1.406			-0.01	0.133	0.187
	LTE Band 66	20M	QPSK	50	50	Left Tilted	0mm	Ant 5	ECI 2	132572	1770	16.36	17.90	1.426			0.03	0.133	0.190
	LTE Band 66B	15M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	132322+132229	1745+1735.7	16.59	17.9	1.352			0.01	0.677	0.915
	LTE Band 66B	15M	QPSK	1	74	Left Cheek	0mm	Ant 5	ECI 2	132047+132140	1717.5+1726.8	16.59	17.9	1.352			0.07	0.666	0.9
	LTE Band 66B	15M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	132597+132504	1772.5+1763.2	16.5	17.9	1.380			-0.09	0.679	0.937
	LTE Band 66C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	132572+132374	1770+1750.2	16.59	17.9	1.352			-0.05	0.681	0.921
	LTE Band 66C	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	132072+132270	1720+1739.8	16.55	17.9	1.365			0.01	0.649	0.886
	LTE Band 66C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	132322+132124	1745+1725.2	16.51	17.9	1.377			0.06	0.659	0.907
	LTE Band 66	20M	QPSK	1	99	Right Cheek	0mm	Ant 5	ECI 3	132572	1770	16.42	16.80	1.091			0.03	0.360	0.393
	LTE Band 66	20M	QPSK	50	50	Right Cheek	0mm	Ant 5	ECI 3	132572	1770	16.36	16.80	1.107			-0.00	0.364	0.403
	LTE Band 66	20M	QPSK</																



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	LTE Band 66	20M	QPSK	50	50	Right Tilted	0mm	Ant 5	ECI 3	132572	1770	16.36	16.80	1.107			-0.04	0.076	0.084
	LTE Band 66	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 3	132572	1770	16.42	16.80	1.091			-0.19	0.650	0.709
	LTE Band 66	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 3	132572	1770	16.36	16.80	1.107			0.12	0.651	0.721
	LTE Band 66	20M	QPSK	1	99	Left Tilted	0mm	Ant 5	ECI 3	132572	1770	16.42	16.80	1.091			-0.01	0.133	0.145
	LTE Band 66	20M	QPSK	50	50	Left Tilted	0mm	Ant 5	ECI 3	132572	1770	16.36	16.80	1.107			0.03	0.133	0.147
	LTE Band 66B	15M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	132322+132229	1745+1735.7	16.59	16.8	1.050			0.01	0.677	0.711
	LTE Band 66C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	132572+132374	1770+1750.2	16.59	16.8	1.050			-0.05	0.681	0.715
	LTE Band 71	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 2	133297	680.5	24.55	25.00	1.109			0.14	0.122	0.135
	LTE Band 71	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 2	133297	680.5	23.51	24.00	1.119			-0.05	0.100	0.112
	LTE Band 71	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 2	133297	680.5	24.55	25.00	1.109			0.14	0.122	0.135
	LTE Band 71	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 2	133297	680.5	23.51	24.00	1.119			0.02	0.105	0.117
	LTE Band 71	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 2	133297	680.5	24.55	25.00	1.109			-0.16	0.263	0.292
	LTE Band 71	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 2	133297	680.5	23.51	24.00	1.119			0.06	0.214	0.239
	LTE Band 71	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	133297	680.5	24.55	25.00	1.109			-0.02	0.141	0.156
	LTE Band 71	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 2	133297	680.5	23.51	24.00	1.119			0.09	0.117	0.131
	LTE Band 71	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	ECI 3	133297	680.5	24.55	25.00	1.109			0.14	0.122	0.135
	LTE Band 71	20M	QPSK	50	0	Right Cheek	0mm	Ant 0	ECI 3	133297	680.5	23.51	24.00	1.119			-0.05	0.100	0.112
	LTE Band 71	20M	QPSK	1	0	Right Tilted	0mm	Ant 0	ECI 3	133297	680.5	24.55	25.00	1.109			0.14	0.122	0.135
	LTE Band 71	20M	QPSK	50	0	Right Tilted	0mm	Ant 0	ECI 3	133297	680.5	23.51	24.00	1.119			0.02	0.105	0.117
	LTE Band 71	20M	QPSK	1	0	Left Cheek	0mm	Ant 0	ECI 3	133297	680.5	24.55	25.00	1.109			-0.16	0.263	0.292
	LTE Band 71	20M	QPSK	50	0	Left Cheek	0mm	Ant 0	ECI 3	133297	680.5	23.51	24.00	1.119			0.06	0.214	0.239
	LTE Band 71	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	133297	680.5	24.55	25.00	1.109			-0.02	0.141	0.156
	LTE Band 71	20M	QPSK	50	0	Left Tilted	0mm	Ant 0	ECI 3	133297	680.5	23.51	24.00	1.119			0.09	0.117	0.131
14	LTE Band 71	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	133297	680.5	23.09	24.70	1.449			0.01	0.636	0.922
	LTE Band 71	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	133297	680.5	23.09	23.80	1.178			-0.10	0.610	0.719
	LTE Band 71	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	133297	680.5	23.03	23.80	1.194			0.11	0.681	0.813
	LTE Band 71	20M	QPSK	1	99	Right Tilted	0mm	Ant 1	ECI 2	133297	680.5	23.09	24.70	1.449			0.01	0.634	0.919
	LTE Band 71	20M	QPSK	50	50	Right Tilted	0mm	Ant 1	ECI 2	133297	680.5	23.09	23.80	1.178			0.14	0.593	0.699
	LTE Band 71	20M	QPSK	100	0	Right Tilted	0mm	Ant 1	ECI 2	133297	680.5	23.03	23.80	1.194			0.17	0.662	0.790
	LTE Band 71	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 2	133297	680.5	23.09	24.70	1.449			0.02	0.383	0.555
	LTE Band 71	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 2	133297	680.5	23.09	23.80	1.178			-0.02	0.408	0.481
	LTE Band 71	20M	QPSK	1	99	Left Tilted	0mm	Ant 1	ECI 2	133297	680.5	23.09	24.70	1.449			0.03	0.348	0.504
	LTE Band 71	20M	QPSK	50	50	Left Tilted	0mm	Ant 1	ECI 2	133297	680.5	23.09	23.80	1.178			-0.13	0.374	0.441
	LTE Band 71	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	133297	680.5	23.09	24.00	1.233			0.01	0.636	0.784
	LTE Band 71	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	133297	680.5	23.09	23.80	1.178			-0.10	0.610	0.719
	LTE Band 71	20M	QPSK	1	99	Right Tilted	0mm	Ant 1	ECI 3	133297	680.5	23.09	24.00	1.233			0.01	0.634	0.782
	LTE Band 71	20M	QPSK	50	50	Right Tilted	0mm	Ant 1	ECI 3	133297	680.5	23.09	23.80	1.178			0.14	0.593	0.699
	LTE Band 71	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 3	133297	680.5	23.09	24.00	1.233			0.02	0.383	0.472
	LTE Band 71	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 3	133297	680.5	23.09	23.80	1.178			-0.02	0.408	0.481
	LTE Band 71	20M	QPSK	1	99	Left Tilted	0mm	Ant 1	ECI 3	133297	680.5	23.09	24.00	1.233			0.03	0.348	0.429
	LTE Band 71	20M	QPSK	50	50	Left Tilted	0mm	Ant 1	ECI 3	133297	680.5	23.09	23.80	1.178			-0.08	0.374	0.441
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	41055	2636.5	24.31	25.00	1.172	62.9	1.006	0.18	0.553	0.652
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	39750	2506	24.02	25.00	1.253	62.9	1.006	0.01	0.516	0.650
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	40185	2549.5	24.16	25.00	1.213	62.9	1.006	-0.19	0.623	0.760
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	40620	2593	24.17	25.00	1.211	62.9	1.006	-0.13	0.528	0.643
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	41490	2680	24.06	25.00	1.242	62.9	1.006	-0.18	0.510	0.637
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 2	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.11	0.437	0.520
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 2	ECI 2	41055	2636.5	24.31	25.00	1.172	62.9	1.006	0.00	0.130	0.153
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 2	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.05	0.102	0.121
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	ECI 2	41055	2636.5	24.31	25.00	1.172	62.9	1.006	0.11	0.298	0.351
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 2	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.04	0.235	0.280
	LTE Band 41	20M	QPSK	1	0	Left Tilted	0mm	Ant 2	ECI 2	41055	2636.5	24.31	25.00	1.172	62.9	1.006	-0.01	0.202	0.238
	LTE Band 41	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 2	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.16	0.147	0.175
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	41055	2636.5	26.09	26.90	1.205	42.9	1.009	-0.15	0.569	0.692
	LTE Band 41_HPUE	20M	QPSK	1	99	Right Cheek	0mm	Ant 2	ECI 2	39750	2506	25.83	26.90	1.279	42.9	1.009	-0.03	0.553	0.714
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	40185	2549.5	25.94	26.90	1.247	42.9	1.009	0.12	0.632	0.795
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	40620	2593	25.99	26.90	1.233	42.9	1.009	-0.13	0.587	0.730
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	41490	2680	25.90	26.90	1.259	42.9	1.009	-0.11	0.557	0.708
	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 2	40620+40422	2593+2573.2	24.41	25	1.146	62.9	1.006	0.03	0.611	0.704
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	41055	2636.5	24.31	25.00	1.172	62.9	1.006	0.18	0.553	0.652
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	39750	2506	24.02	25.00	1.253	62.9	1.006	0.01	0.516	0.650
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	40185	2549.5	24.16	25.00	1.213	62.9	1.006	-0.19	0.623	0.760
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	40620	2593	24.17	25.00	1.211	62.9	1.006	-0.13	0.528	0.643
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	41490	2680	24.06	25.00	1.242	62.9	1.006	-0.18	0.510	0.637
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 2	ECI 3	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.11	0.437	0.520
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 2	ECI 3	41055	2636.5	24.31	25.00	1.172	62.9	1.006	0.00	0.130	0.153
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 2	ECI 3	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.05	0.102	0.121
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	ECI 3	41055	2636.5	24.31	25.00	1.172	62.9	1.006	0.11	0.298	0.351
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 2	ECI 3	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.04	0.235	0.280
	LTE Band 41	20M	QPSK	1	0	Left Tilted	0mm	Ant 2	ECI 3	41055	2636.5	24.31	25.00	1.172	62.9	1.006	-0.01	0.202	0.238
	LTE Band 41	20M	QPSK	50	0	Left Tilted	0mm	Ant 2	ECI 3	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.16	0.147	0.175
	LTE Band 41_HPUE</																		



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	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	40185	2549.5	25.94	26.90	1.247	42.9	1.009	0.12	0.632	0.795
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	40620	2593	25.99	26.90	1.233	42.9	1.009	-0.13	0.587	0.730
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	41490	2680	25.90	26.90	1.259	42.9	1.009	-0.11	0.557	0.708
	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	ECI 3	40620+40422	2593+2573.2	24.41	25	1.146	62.9	1.006	0.03	0.611	0.704
	LTE Band 41	20M	QPSK	1	99	Right Cheek	0mm	Ant 0	ECI 2	40185	2549.5	24.34	25.00	1.164	62.9	1.006	0.18	0.021	0.025
	LTE Band 41	20M	QPSK	50	50	Right Cheek	0mm	Ant 0	ECI 2	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.00	0.001	0.001
	LTE Band 41	20M	QPSK	1	99	Right Tilted	0mm	Ant 0	ECI 2	40185	2549.5	24.34	25.00	1.164	62.9	1.006	-0.11	0.007	0.008
	LTE Band 41	20M	QPSK	50	50	Right Tilted	0mm	Ant 0	ECI 2	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.00	0.001	0.001
	LTE Band 41	20M	QPSK	1	99	Left Cheek	0mm	Ant 0	ECI 2	40185	2549.5	24.34	25.00	1.164	62.9	1.006	-0.12	0.024	0.028
	LTE Band 41	20M	QPSK	50	50	Left Cheek	0mm	Ant 0	ECI 2	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.13	0.019	0.022
	LTE Band 41	20M	QPSK	1	99	Left Tilted	0mm	Ant 0	ECI 2	40185	2549.5	24.34	25.00	1.164	62.9	1.006	-0.12	0.039	0.046
	LTE Band 41	20M	QPSK	50	50	Left Tilted	0mm	Ant 0	ECI 2	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.00	0.001	0.001
	LTE Band 41_HPUE	20M	QPSK	1	99	Left Tilted	0mm	Ant 0	ECI 2	40185	2549.5	26.20	26.90	1.175	42.9	1.009	0.13	0.038	0.045
	LTE Band 41C	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 2	40620+40422	2593+2573.2	24.45	25	1.135	62.9	1.006	0.04	0.030	0.034
	LTE Band 41	20M	QPSK	1	99	Right Cheek	0mm	Ant 0	ECI 3	40185	2549.5	24.34	25.00	1.164	62.9	1.006	0.18	0.021	0.025
	LTE Band 41	20M	QPSK	50	50	Right Cheek	0mm	Ant 0	ECI 3	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.00	0.001	0.001
	LTE Band 41	20M	QPSK	1	99	Right Tilted	0mm	Ant 0	ECI 3	40185	2549.5	24.34	25.00	1.164	62.9	1.006	-0.11	0.007	0.008
	LTE Band 41	20M	QPSK	50	50	Right Tilted	0mm	Ant 0	ECI 3	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.00	0.001	0.001
	LTE Band 41	20M	QPSK	1	99	Left Cheek	0mm	Ant 0	ECI 3	40185	2549.5	24.34	25.00	1.164	62.9	1.006	-0.12	0.024	0.028
	LTE Band 41	20M	QPSK	50	50	Left Cheek	0mm	Ant 0	ECI 3	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.13	0.019	0.022
	LTE Band 41	20M	QPSK	1	99	Left Tilted	0mm	Ant 0	ECI 3	40185	2549.5	24.34	25.00	1.164	62.9	1.006	-0.12	0.039	0.046
	LTE Band 41	20M	QPSK	50	50	Left Tilted	0mm	Ant 0	ECI 3	40185	2549.5	23.35	24.00	1.161	62.9	1.006	0.00	0.001	0.001
	LTE Band 41_HPUE	20M	QPSK	1	99	Left Tilted	0mm	Ant 0	ECI 3	40185	2549.5	26.20	26.90	1.175	42.9	1.009	0.13	0.038	0.045
	LTE Band 41C	20M	QPSK	1	0	Left Tilted	0mm	Ant 0	ECI 3	40620+40422	2593+2573.2	24.45	25	1.135	62.9	1.006	0.04	0.030	0.034
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	41055	2636.5	21.70	23.30	1.445	62.9	1.006	0.13	0.423	0.615
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	39750	2506	21.55	23.30	1.496	62.9	1.006	0.05	0.354	0.533
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	40185	2549.5	21.63	23.30	1.469	62.9	1.006	-0.07	0.352	0.520
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	40620	2593	21.59	23.30	1.483	62.9	1.006	0	0.314	0.468
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	41490	2680	21.68	23.30	1.452	62.9	1.006	0.01	0.582	0.850
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	41055	2636.5	21.75	23.30	1.429	62.9	1.006	0.04	0.467	0.671
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	39750	2506	21.54	23.30	1.500	62.9	1.006	-0.15	0.356	0.537
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	40185	2549.5	21.56	23.30	1.493	62.9	1.006	0.09	0.339	0.509
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	40620	2593	21.49	23.30	1.517	62.9	1.006	-0.17	0.324	0.494
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	41490	2680	21.53	23.30	1.503	62.9	1.006	-0.01	0.589	0.891
	LTE Band 41	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	41055	2636.5	21.56	23.30	1.493	62.9	1.006	0.03	0.493	0.740
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	41055	2636.5	21.70	23.30	1.445	62.9	1.006	0.07	0.461	0.670
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	39750	2506	21.55	23.30	1.496	62.9	1.006	-0.04	0.350	0.527
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	40185	2549.5	21.63	23.30	1.469	62.9	1.006	-0.11	0.362	0.535
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	40620	2593	21.59	23.30	1.483	62.9	1.006	0.1	0.299	0.446
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 2	41490	2680	21.68	23.30	1.452	62.9	1.006	-0.14	0.581	0.849
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	41055	2636.5	21.75	23.30	1.429	62.9	1.006	-0.16	0.492	0.707
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	39750	2506	21.54	23.30	1.500	62.9	1.006	0.04	0.358	0.540
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	40185	2549.5	21.56	23.30	1.493	62.9	1.006	0.16	0.353	0.530
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	40620	2593	21.49	23.30	1.517	62.9	1.006	-0.12	0.298	0.455
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 2	41490	2680	21.53	23.30	1.503	62.9	1.006	0	0.583	0.882
	LTE Band 41	20M	QPSK	100	0	Right Tilted	0mm	Ant 1	ECI 2	41055	2636.5	21.56	23.30	1.493	62.9	1.006	-0.14	0.488	0.733
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 1	ECI 2	41055	2636.5	21.70	23.30	1.445	62.9	1.006	-0.04	0.331	0.481
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 1	ECI 2	41055	2636.5	21.75	23.30	1.429	62.9	1.006	0	0.358	0.515
	LTE Band 41	20M	QPSK	1	0	Left Tilted	0mm	Ant 1	ECI 2	41055	2636.5	21.70	23.30	1.445	62.9	1.006	-0.17	0.340	0.494
	LTE Band 41	20M	QPSK	50	0	Left Tilted	0mm	Ant 1	ECI 2	41055	2636.5	21.75	23.30	1.429	62.9	1.006	0	0.362	0.520
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	41055	2636.5	23.39	24.90	1.416	42.9	1.009	0.08	0.478	0.683
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	39750	2506	23.31	24.90	1.442	42.9	1.009	0.04	0.347	0.505
	LTE Band 41_HPUE	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	40185	2549.5	23.29	24.90	1.449	42.9	1.009	-0.11	0.335	0.490
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	40620	2593	23.25	24.90	1.462	42.9	1.009	-0.09	0.320	0.472
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	41490	2680	23.24	24.90	1.466	42.9	1.009	0.18	0.584	0.864
	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	41490+41292	2680+2660.2	21.76	23.30	1.426	62.9	1.006	0.03	0.588	0.877
	LTE Band 41C	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	39750+39948	2506+2525.8	21.56	23.30	1.493	62.9	1.006	0.07	0.576	0.865
	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	40185+39987	2549.5+2529.7	21.55	23.30	1.496	62.9	1.006	0.05	0.566	0.852
	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	40620+40422	2593+2573.2	21.68	23.30	1.452	62.9	1.006	-0.01	0.567	0.819
	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	41055+40857	2636.5+2616.7	21.73	23.30	1.435	62.9	1.006	0.13	0.570	0.818
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	41055	2636.5	21.70	22.60	1.230	62.9	1.006	0.13	0.423	0.523
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	41055	2636.5	21.75	22.60	1.216	62.9	1.006	0.04	0.467	0.571
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 1	ECI 3	41055	2636.5	21.70	22.60	1.230	62.9	1.006	0.07	0.461	0.570
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 3	41055	2636.5	21.75	22.60	1.216	62.9	1.006	-0.16	0.492	0.602
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 3	39750	2506	21.54	22.60	1.276	62.9	1.006	0.04	0.358	0.460
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 3	40185	2549.5	21.56	22.60	1.271	62.9	1.006	0.16	0.353	0.451
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 3	40620	2593	21.49	22.60	1.291	62.9	1.006	-0.12	0.298	0.387
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 1	ECI 3	41490	2680	21.53	22.60	1.279	62.9	1.006	0	0.583	0.750
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant											



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	LTE Band 41C	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	41490+41292	2680+2660.2	21.76	22.60	1.213	62.9	1.006	0.03	0.588	0.718
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 5	ECI 2	41055	2636.5	15.83	17.40	1.435	62.9	1.006	0.19	0.206	0.297
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 5	ECI 2	41055	2636.5	15.87	17.40	1.422	62.9	1.006	-0.01	0.213	0.305
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 5	ECI 2	41055	2636.5	15.83	17.40	1.435	62.9	1.006	0.06	0.081	0.117
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 5	ECI 2	41055	2636.5	15.87	17.40	1.422	62.9	1.006	0.12	0.083	0.119
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	41055	2636.5	15.83	17.40	1.435	62.9	1.006	0.10	0.471	0.680
	LTE Band 41	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	39750	2506	15.80	17.40	1.445	62.9	1.006	-0.11	0.408	0.593
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	40185	2549.5	15.80	17.40	1.445	62.9	1.006	-0.08	0.469	0.682
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	40620	2593	15.75	17.40	1.462	62.9	1.006	0.14	0.538	0.791
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	41490	2680	15.64	17.40	1.5	62.9	1.006	0.11	0.597	0.901
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	41055	2636.5	15.87	17.40	1.422	62.9	1.006	-0.12	0.530	0.758
	LTE Band 41	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	39750	2506	15.76	17.40	1.459	62.9	1.006	-0.17	0.524	0.769
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	40185	2549.5	15.86	17.40	1.426	62.9	1.006	-0.03	0.476	0.683
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	40620	2593	15.67	17.40	1.489	62.9	1.006	0.16	0.544	0.815
15	LTE Band 41	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	41490	2680	15.59	17.40	1.517	62.9	1.006	-0.19	0.593	0.905
	LTE Band 41	20M	QPSK	100	0	Left Cheek	0mm	Ant 5	ECI 2	39750	2506	15.76	17.40	1.459	62.9	1.006	-0.07	0.491	0.721
	LTE Band 41	20M	QPSK	1	0	Left Tilted	0mm	Ant 5	ECI 2	41055	2636.5	15.83	17.40	1.435	62.9	1.006	0.10	0.213	0.307
	LTE Band 41	20M	QPSK	50	0	Left Tilted	0mm	Ant 5	ECI 2	41055	2636.5	15.87	17.40	1.422	62.9	1.006	0.04	0.224	0.320
	LTE Band 41_HPUE	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	41055	2636.5	17.49	19.00	1.416	42.9	1.009	0.16	0.524	0.749
	LTE Band 41_HPUE	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	39750	2506	17.41	19.00	1.442	42.9	1.009	0.19	0.429	0.624
	LTE Band 41_HPUE	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	40185	2549.5	17.44	19.00	1.432	42.9	1.009	0.05	0.472	0.682
	LTE Band 41_HPUE	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	40620	2593	17.35	19.00	1.462	42.9	1.009	-0.06	0.514	0.758
	LTE Band 41_HPUE	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	41490	2680	17.23	19.00	1.503	42.9	1.009	-0.17	0.545	0.827
	LTE Band 41C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	40185+39987	2549.5+2529.7	16.05	17.4	1.365	62.9	1.006	0.07	0.591	0.812
	LTE Band 41C	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	39750+39948	2506+2525.8	16.05	17.4	1.365	62.9	1.006	0.03	0.588	0.807
	LTE Band 41C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	40620+40422	2593+2573.2	16.04	17.4	1.368	62.9	1.006	0.04	0.587	0.808
	LTE Band 41C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	41055+40857	2636.5+2616.7	15.99	17.4	1.384	62.9	1.006	0.02	0.584	0.813
	LTE Band 41C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	41490+41292	2680+2660.2	15.9	17.4	1.413	62.9	1.006	-0.11	0.579	0.823
	LTE Band 41	20M	QPSK	1	0	Right Cheek	0mm	Ant 5	ECI 3	41055	2636.5	15.83	16.40	1.14	62.9	1.006	0.19	0.206	0.236
	LTE Band 41	20M	QPSK	50	0	Right Cheek	0mm	Ant 5	ECI 3	41055	2636.5	15.87	16.40	1.13	62.9	1.006	-0.01	0.213	0.242
	LTE Band 41	20M	QPSK	1	0	Right Tilted	0mm	Ant 5	ECI 3	41055	2636.5	15.83	16.40	1.14	62.9	1.006	0.06	0.081	0.093
	LTE Band 41	20M	QPSK	50	0	Right Tilted	0mm	Ant 5	ECI 3	41055	2636.5	15.87	16.40	1.13	62.9	1.006	0.12	0.083	0.094
	LTE Band 41	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	41055	2636.5	15.83	16.40	1.14	62.9	1.006	0.10	0.471	0.540
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	41055	2636.5	15.87	16.40	1.13	62.9	1.006	-0.12	0.530	0.602
	LTE Band 41	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 3	39750	2506	15.76	16.40	1.159	62.9	1.006	-0.17	0.524	0.611
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	40185	2549.5	15.86	16.40	1.132	62.9	1.006	-0.03	0.476	0.542
	LTE Band 41	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	40620	2593	15.67	16.40	1.183	62.9	1.006	0.16	0.544	0.647
	LTE Band 41	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 3	41490	2680	15.59	16.40	1.205	62.9	1.006	-0.19	0.593	0.719
	LTE Band 41	20M	QPSK	1	0	Left Tilted	0mm	Ant 5	ECI 3	41055	2636.5	15.83	16.40	1.14	62.9	1.006	0.10	0.213	0.244
	LTE Band 41	20M	QPSK	50	0	Left Tilted	0mm	Ant 5	ECI 3	41055	2636.5	15.87	16.40	1.13	62.9	1.006	0.04	0.224	0.255
	LTE Band 41_HPUE	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	41055	2636.5	17.49	18.00	1.125	42.9	1.009	0.16	0.524	0.595
	LTE Band 41C	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	40185+39987	2549.5+2529.7	16.05	16.4	1.084	62.9	1.006	0.07	0.591	0.644
	LTE Band 48	20M	QPSK	1	0	Right Cheek	0mm	Ant 6	ECI 2	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.14	0.097	0.098
	LTE Band 48	20M	QPSK	50	0	Right Cheek	0mm	Ant 6	ECI 2	55830	3609	22.70	24.00	1.349	62.9	1.006	0.04	0.073	0.099
	LTE Band 48	20M	QPSK	1	0	Right Tilted	0mm	Ant 6	ECI 2	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.01	0.152	0.153
	LTE Band 48	20M	QPSK	50	0	Right Tilted	0mm	Ant 6	ECI 2	55830	3609	22.70	24.00	1.349	62.9	1.006	0.09	0.114	0.155
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 6	ECI 2	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.10	0.190	0.192
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 6	ECI 2	55830	3609	22.70	24.00	1.349	62.9	1.006	-0.08	0.133	0.180
	LTE Band 48	20M	QPSK	1	0	Left Tilted	0mm	Ant 6	ECI 2	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.15	0.128	0.129
	LTE Band 48	20M	QPSK	50	0	Left Tilted	0mm	Ant 6	ECI 2	55830	3609	22.70	24.00	1.349	62.9	1.006	0.19	0.091	0.123
	LTE Band 48	20M	QPSK	1	0	Right Cheek	0mm	Ant 6	ECI 3	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.14	0.097	0.098
	LTE Band 48	20M	QPSK	50	0	Right Cheek	0mm	Ant 6	ECI 3	55830	3609	22.70	24.00	1.349	62.9	1.006	0.04	0.073	0.099
	LTE Band 48	20M	QPSK	1	0	Right Tilted	0mm	Ant 6	ECI 3	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.01	0.152	0.153
	LTE Band 48	20M	QPSK	50	0	Right Tilted	0mm	Ant 6	ECI 3	55830	3609	22.70	24.00	1.349	62.9	1.006	0.09	0.114	0.155
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 6	ECI 3	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.10	0.190	0.192
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 6	ECI 3	55830	3609	22.70	24.00	1.349	62.9	1.006	-0.08	0.133	0.180
	LTE Band 48	20M	QPSK	1	0	Left Tilted	0mm	Ant 6	ECI 3	55830	3609	24.19	24.20	1.002	62.9	1.006	-0.15	0.128	0.129
	LTE Band 48	20M	QPSK	50	0	Left Tilted	0mm	Ant 6	ECI 3	55830	3609	22.70	24.00	1.349	62.9	1.006	0.19	0.091	0.123
	LTE Band 48	20M	QPSK	1	0	Right Cheek	0mm	Ant 7	ECI 2	56640	3690	21.32	22.70	1.374	62.9	1.006	-0.16	0.247	0.341
	LTE Band 48	20M	QPSK	50	0	Right Cheek	0mm	Ant 7	ECI 2	56640	3690	21.20	22.70	1.413	62.9	1.006	0.08	0.150	0.213
	LTE Band 48	20M	QPSK	1	0	Right Tilted	0mm	Ant 7	ECI 2	56640	3690	21.32	22.70	1.374	62.9	1.006	-0.03	0.113	0.156
	LTE Band 48	20M	QPSK	50	0	Right Tilted	0mm	Ant 7	ECI 2	56640	3690	21.20	22.70	1.413	62.9	1.006	0.01	0.077	0.109
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 7	ECI 2	56640	3690	21.32	22.70	1.374	62.9	1.006	-0.18	0.140	0.194
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 7	ECI 2	56640	3690	21.20	22.70	1.413	62.9	1.006	0.15	0.100	0.142
	LTE Band 48	20M	QPSK	1	0	Left Tilted	0mm	Ant 7	ECI 2	56640	3690	21.32	22.70	1.374	62.9	1.006	-0.12	0.185	0.256
	LTE Band 48	20M	QPSK	50	0	Left Tilted	0mm	Ant 7	ECI 2	56640	3690	21.20	22.70	1.413	62.9	1.006	0.19	0.127	0.181
	LTE Band 48	20M	QPSK	1	0	Right Cheek	0mm	Ant 7	ECI 3	56640	3690	21.32	22.70	1.374	62.9	1.006	-0.16	0.247	0.341
	LTE Band 48	20M	QPSK	50	0	Right Cheek	0mm	Ant 7	ECI 3	56640	3690	21.20	22.70	1.413	62.9	1.006	0.08	0.150	0.213
	LTE Band 48	20M	QPSK	1	0	Right Tilted	0mm	Ant 7	ECI 3	56640	3690	21.32	22.70	1.374					



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	LTE Band 48	20M	QPSK	50	0	Left Tilted	0mm	Ant 7	ECI 3	56640	3690	21.20	22.70	1.413	62.9	1.006	0.19	0.127	0.181
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	56150	3641	17.05	18.10	1.274	62.9	1.006	0.03	0.560	0.718
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	55340	3560	16.84	18.10	1.337	62.9	1.006	0.08	0.705	0.948
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	55830	3609	16.93	18.10	1.309	62.9	1.006	-0.03	0.583	0.768
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 2	55990	3625	17.02	18.10	1.282	62.9	1.006	0.15	0.559	0.721
	LTE Band 48	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 2	56640	3690	16.92	18.10	1.312	62.9	1.006	0.01	0.528	0.697
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	56150	3641	16.96	18.10	1.3	62.9	1.006	0.05	0.639	0.836
16	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	55340	3560	16.79	18.10	1.352	62.9	1.006	-0.01	0.730	0.993
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	55830	3609	16.87	18.10	1.327	62.9	1.006	0.01	0.615	0.821
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 2	55990	3625	16.91	18.10	1.315	62.9	1.006	-0.02	0.587	0.777
	LTE Band 48	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 2	56640	3690	16.84	18.10	1.337	62.9	1.006	0.13	0.543	0.730
	LTE Band 48	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	56150	3641	16.94	18.10	1.306	62.9	1.006	0.07	0.533	0.700
	LTE Band 48	20M	QPSK	1	99	Right Tilted	0mm	Ant 1	ECI 2	56150	3641	17.05	18.10	1.274	62.9	1.006	0.05	0.344	0.441
	LTE Band 48	20M	QPSK	50	50	Right Tilted	0mm	Ant 1	ECI 2	56150	3641	16.96	18.10	1.3	62.9	1.006	0.11	0.357	0.467
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 2	56150	3641	17.05	18.10	1.274	62.9	1.006	-0.03	0.436	0.559
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 2	56150	3641	16.96	18.10	1.3	62.9	1.006	-0.04	0.451	0.590
	LTE Band 48	20M	QPSK	1	99	Left Tilted	0mm	Ant 1	ECI 2	56150	3641	17.05	18.10	1.274	62.9	1.006	-0.07	0.325	0.417
	LTE Band 48	20M	QPSK	50	50	Left Tilted	0mm	Ant 1	ECI 2	56150	3641	16.96	18.10	1.3	62.9	1.006	0.03	0.342	0.447
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	56150	3641	17.05	17.40	1.084	62.9	1.006	0.03	0.560	0.611
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	55340	3560	16.84	17.40	1.138	62.9	1.006	0.08	0.705	0.807
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	55830	3609	16.93	17.40	1.114	62.9	1.006	-0.03	0.583	0.653
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 1	ECI 3	55990	3625	17.02	17.40	1.091	62.9	1.006	0.15	0.559	0.614
	LTE Band 48	20M	QPSK	1	0	Right Cheek	0mm	Ant 1	ECI 3	56640	3690	16.92	17.40	1.117	62.9	1.006	0.01	0.528	0.593
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	56150	3641	16.96	17.40	1.107	62.9	1.006	0.05	0.639	0.712
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	55340	3560	16.79	17.40	1.151	62.9	1.006	-0.01	0.730	0.845
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	55830	3609	16.87	17.40	1.13	62.9	1.006	0.01	0.615	0.699
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 1	ECI 3	55990	3625	16.91	17.40	1.119	62.9	1.006	-0.02	0.587	0.661
	LTE Band 48	20M	QPSK	50	0	Right Cheek	0mm	Ant 1	ECI 3	56640	3690	16.84	17.40	1.138	62.9	1.006	0.13	0.543	0.622
	LTE Band 48	20M	QPSK	100	0	Right Cheek	0mm	Ant 1	ECI 3	56150	3641	16.94	17.40	1.112	62.9	1.006	0.07	0.533	0.596
	LTE Band 48	20M	QPSK	1	99	Right Tilted	0mm	Ant 1	ECI 3	56150	3641	17.05	17.40	1.084	62.9	1.006	0.05	0.344	0.375
	LTE Band 48	20M	QPSK	50	50	Right Tilted	0mm	Ant 1	ECI 3	56150	3641	16.96	17.40	1.107	62.9	1.006	0.11	0.357	0.398
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 1	ECI 3	56150	3641	17.05	17.40	1.084	62.9	1.006	-0.03	0.436	0.475
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 1	ECI 3	56150	3641	16.96	17.40	1.107	62.9	1.006	-0.04	0.451	0.502
	LTE Band 48	20M	QPSK	1	99	Left Tilted	0mm	Ant 1	ECI 3	56150	3641	17.05	17.40	1.084	62.9	1.006	-0.07	0.325	0.354
	LTE Band 48	20M	QPSK	50	50	Left Tilted	0mm	Ant 1	ECI 3	56150	3641	16.96	17.40	1.107	62.9	1.006	0.03	0.342	0.381
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 5	ECI 2	56150	3641	18.46	20.00	1.426	62.9	1.006	0.09	0.205	0.294
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 5	ECI 2	56150	3641	18.39	20.00	1.449	62.9	1.006	-0.15	0.233	0.340
	LTE Band 48	20M	QPSK	1	99	Right Tilted	0mm	Ant 5	ECI 2	56150	3641	18.46	20.00	1.426	62.9	1.006	0.14	0.061	0.088
	LTE Band 48	20M	QPSK	50	50	Right Tilted	0mm	Ant 5	ECI 2	56150	3641	18.39	20.00	1.449	62.9	1.006	0.03	0.055	0.080
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	56150	3641	18.46	20.00	1.426	62.9	1.006	0.07	0.628	0.901
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	55340	3560	18.34	20.00	1.466	62.9	1.006	-0.17	0.555	0.819
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	55830	3609	18.34	20.00	1.466	62.9	1.006	-0.04	0.545	0.804
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 2	55990	3625	18.41	20.00	1.442	62.9	1.006	-0.18	0.642	0.931
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 2	56640	3690	18.43	20.00	1.435	62.9	1.006	0.10	0.629	0.908
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	56150	3641	18.39	20.00	1.449	62.9	1.006	0.14	0.653	0.952
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	55340	3560	18.30	20.00	1.479	62.9	1.006	0.00	0.550	0.818
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	55830	3609	18.30	20.00	1.479	62.9	1.006	0.10	0.547	0.814
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 2	55990	3625	18.30	20.00	1.479	62.9	1.006	0.12	0.647	0.963
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 2	56640	3690	18.34	20.00	1.466	62.9	1.006	0.11	0.624	0.920
	LTE Band 48	20M	QPSK	100	0	Left Cheek	0mm	Ant 5	ECI 2	56150	3641	18.35	20.00	1.462	62.9	1.006	0.03	0.641	0.943
	LTE Band 48	20M	QPSK	1	99	Left Tilted	0mm	Ant 5	ECI 2	56150	3641	18.46	20.00	1.426	62.9	1.006	0.13	0.136	0.195
	LTE Band 48	20M	QPSK	50	50	Left Tilted	0mm	Ant 5	ECI 2	56150	3641	18.39	20.00	1.449	62.9	1.006	0.16	0.134	0.195
	LTE Band 48	20M	QPSK	1	99	Right Cheek	0mm	Ant 5	ECI 3	56150	3641	18.46	18.80	1.081	62.9	1.006	0.09	0.205	0.223
	LTE Band 48	20M	QPSK	50	50	Right Cheek	0mm	Ant 5	ECI 3	56150	3641	18.39	18.80	1.099	62.9	1.006	-0.15	0.233	0.258
	LTE Band 48	20M	QPSK	1	99	Right Tilted	0mm	Ant 5	ECI 3	56150	3641	18.46	18.80	1.081	62.9	1.006	0.14	0.061	0.066
	LTE Band 48	20M	QPSK	50	50	Right Tilted	0mm	Ant 5	ECI 3	56150	3641	18.39	18.80	1.099	62.9	1.006	0.03	0.055	0.061
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 3	56150	3641	18.46	18.80	1.081	62.9	1.006	0.07	0.628	0.683
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 3	55340	3560	18.34	18.80	1.112	62.9	1.006	-0.17	0.555	0.621
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	55830	3609	18.34	18.80	1.112	62.9	1.006	-0.04	0.545	0.610
	LTE Band 48	20M	QPSK	1	99	Left Cheek	0mm	Ant 5	ECI 3	55990	3625	18.41	18.80	1.094	62.9	1.006	-0.18	0.642	0.707
	LTE Band 48	20M	QPSK	1	0	Left Cheek	0mm	Ant 5	ECI 3	56640	3690	18.43	18.80	1.089	62.9	1.006	0.10	0.629	0.689
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 3	56150	3641	18.39	18.80	1.099	62.9	1.006	0.14	0.653	0.722
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 3	55340	3560	18.30	18.80	1.122	62.9	1.006	0.00	0.550	0.621
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	55830	3609	18.30	18.80	1.122	62.9	1.006	0.10	0.547	0.617
	LTE Band 48	20M	QPSK	50	50	Left Cheek	0mm	Ant 5	ECI 3	55990	3625	18.30	18.80	1.122	62.9	1.006	0.12	0.647	0.730
	LTE Band 48	20M	QPSK	50	0	Left Cheek	0mm	Ant 5	ECI 3	56640	3690	18.34	18.80	1.112	62.9	1.006	0.11	0.624	0.698
	LTE Band 48	20M	QPSK	1	99	Left Tilted	0mm	Ant 5	ECI 3	56150	3641	18.46	18.80	1.081	62.9	1.006	0.13	0.136	0.148
	LTE Band 48	20M	QPSK	50	50	Left Tilted	0mm	Ant 5	ECI 3	56150	3641	18.39	18.80	1.099	62.9	1.006	0.16	0.134	0.148



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

[FR1 SAR]

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
17	FR1 n7	50M	BPSK	1	135	Right Cheek	0mm	Ant 2	ECI 2	507000	2535	22.51	23.50	1.256	0.13	0.641	0.805
	FR1 n7	50M	BPSK	135	0	Right Cheek	0mm	Ant 2	ECI 2	507000	2535	22.55	23.50	1.245	-0.16	0.621	0.773
	FR1 n7	50M	BPSK	270	0	Right Cheek	0mm	Ant 2	ECI 2	507000	2535	22.58	23.50	1.236	0.01	0.635	0.785
	FR1 n7	50M	BPSK	1	135	Right Tilted	0mm	Ant 2	ECI 2	507000	2535	22.51	23.50	1.256	0.01	0.212	0.266
	FR1 n7	50M	BPSK	135	0	Right Tilted	0mm	Ant 2	ECI 2	507000	2535	22.55	23.50	1.245	-0.03	0.199	0.248
	FR1 n7	50M	BPSK	1	135	Left Cheek	0mm	Ant 2	ECI 2	507000	2535	22.51	23.50	1.256	0.10	0.304	0.382
	FR1 n7	50M	BPSK	135	0	Left Cheek	0mm	Ant 2	ECI 2	507000	2535	22.55	23.50	1.245	0.10	0.292	0.364
	FR1 n7	50M	BPSK	1	135	Left Tilted	0mm	Ant 2	ECI 2	507000	2535	22.51	23.50	1.256	0.01	0.229	0.288
	FR1 n7	50M	BPSK	135	0	Left Tilted	0mm	Ant 2	ECI 2	507000	2535	22.55	23.50	1.245	-0.15	0.212	0.264
	FR1 n7	50M	BPSK	1	135	Right Cheek	0mm	Ant 2	ECI 3	507000	2535	22.51	23.00	1.119	0.13	0.641	0.717
	FR1 n7	50M	BPSK	135	0	Right Cheek	0mm	Ant 2	ECI 3	507000	2535	22.55	23.00	1.109	-0.16	0.621	0.689
	FR1 n7	50M	BPSK	1	135	Right Tilted	0mm	Ant 2	ECI 3	507000	2535	22.51	23.00	1.119	0.01	0.212	0.237
	FR1 n7	50M	BPSK	135	0	Right Tilted	0mm	Ant 2	ECI 3	507000	2535	22.55	23.00	1.109	0.01	0.199	0.221
	FR1 n7	50M	BPSK	1	135	Left Cheek	0mm	Ant 2	ECI 3	507000	2535	22.51	23.00	1.119	-0.03	0.304	0.340
	FR1 n7	50M	BPSK	135	0	Left Cheek	0mm	Ant 2	ECI 3	507000	2535	22.55	23.00	1.109	0.10	0.292	0.324
	FR1 n7	50M	BPSK	1	135	Left Tilted	0mm	Ant 2	ECI 3	507000	2535	22.51	23.00	1.119	0.10	0.229	0.256
	FR1 n7	50M	BPSK	135	0	Left Tilted	0mm	Ant 2	ECI 3	507000	2535	22.55	23.00	1.109	0.01	0.212	0.235
	FR1 n7	50M	BPSK	1	135	Right Cheek	0mm	Ant 0	ECI 2	507000	2535	24.50	24.90	1.096	0.10	0.099	0.109
	FR1 n7	50M	BPSK	135	68	Right Cheek	0mm	Ant 0	ECI 2	507000	2535	24.42	24.90	1.117	-0.05	0.094	0.105
	FR1 n7	50M	BPSK	1	135	Right Tilted	0mm	Ant 0	ECI 2	507000	2535	24.50	24.90	1.096	0.01	0.019	0.021
	FR1 n7	50M	BPSK	135	68	Right Tilted	0mm	Ant 0	ECI 2	507000	2535	24.42	24.90	1.117	-0.06	0.017	0.019
	FR1 n7	50M	BPSK	1	135	Left Cheek	0mm	Ant 0	ECI 2	507000	2535	24.50	24.90	1.096	0.10	0.139	0.152
	FR1 n7	50M	BPSK	135	68	Left Cheek	0mm	Ant 0	ECI 2	507000	2535	24.42	24.90	1.117	-0.18	0.119	0.133
	FR1 n7	50M	BPSK	1	135	Left Tilted	0mm	Ant 0	ECI 2	507000	2535	24.50	24.90	1.096	0.11	0.012	0.013
	FR1 n7	50M	BPSK	135	68	Left Tilted	0mm	Ant 0	ECI 2	507000	2535	24.42	24.90	1.117	-0.18	0.011	0.012
	FR1 n7	50M	BPSK	1	135	Right Cheek	0mm	Ant 0	ECI 3	507000	2535	24.50	24.90	1.096	0.10	0.099	0.109
	FR1 n7	50M	BPSK	135	68	Right Cheek	0mm	Ant 0	ECI 3	507000	2535	24.42	24.90	1.117	-0.05	0.094	0.105
	FR1 n7	50M	BPSK	1	135	Right Tilted	0mm	Ant 0	ECI 3	507000	2535	24.50	24.90	1.096	0.01	0.019	0.021
	FR1 n7	50M	BPSK	135	68	Right Tilted	0mm	Ant 0	ECI 3	507000	2535	24.42	24.90	1.117	-0.06	0.017	0.019
	FR1 n7	50M	BPSK	1	135	Left Cheek	0mm	Ant 0	ECI 3	507000	2535	24.50	24.90	1.096	0.10	0.139	0.152
	FR1 n7	50M	BPSK	135	68	Left Cheek	0mm	Ant 0	ECI 3	507000	2535	24.42	24.90	1.117	-0.18	0.119	0.133
	FR1 n7	50M	BPSK	1	135	Left Tilted	0mm	Ant 0	ECI 3	507000	2535	24.50	24.90	1.096	0.11	0.012	0.013
	FR1 n7	50M	BPSK	135	68	Left Tilted	0mm	Ant 0	ECI 3	507000	2535	24.42	24.90	1.117	-0.18	0.011	0.012
	FR1 n12	15M	BPSK	1	77	Right Cheek	0mm	Ant 0	ECI 2	141500	707.5	24.77	25.00	1.054	0.00	0.263	0.277
	FR1 n12	15M	BPSK	36	22	Right Cheek	0mm	Ant 0	ECI 2	141500	707.5	24.70	25.00	1.072	-0.16	0.244	0.262
	FR1 n12	15M	BPSK	1	77	Right Tilted	0mm	Ant 0	ECI 2	141500	707.5	24.77	25.00	1.054	-0.02	0.169	0.178
	FR1 n12	15M	BPSK	36	22	Right Tilted	0mm	Ant 0	ECI 2	141500	707.5	24.70	25.00	1.072	0.03	0.156	0.167
	FR1 n12	15M	BPSK	1	77	Left Cheek	0mm	Ant 0	ECI 2	141500	707.5	24.77	25.00	1.054	-0.02	0.331	0.349
	FR1 n12	15M	BPSK	36	22	Left Cheek	0mm	Ant 0	ECI 2	141500	707.5	24.70	25.00	1.072	0.16	0.307	0.329
	FR1 n12	15M	BPSK	1	77	Left Tilted	0mm	Ant 0	ECI 2	141500	707.5	24.77	25.00	1.054	-0.02	0.187	0.197
	FR1 n12	15M	BPSK	36	22	Left Tilted	0mm	Ant 0	ECI 2	141500	707.5	24.70	25.00	1.072	0.08	0.178	0.191
	FR1 n12	15M	BPSK	1	77	Right Cheek	0mm	Ant 0	ECI 3	141500	707.5	24.77	25.00	1.054	0.00	0.263	0.277
	FR1 n12	15M	BPSK	36	22	Right Cheek	0mm	Ant 0	ECI 3	141500	707.5	24.70	25.00	1.072	-0.16	0.244	0.262
	FR1 n12	15M	BPSK	1	77	Right Tilted	0mm	Ant 0	ECI 3	141500	707.5	24.77	25.00	1.054	-0.02	0.169	0.178
	FR1 n12	15M	BPSK	36	22	Right Tilted	0mm	Ant 0	ECI 3	141500	707.5	24.70	25.00	1.072	0.03	0.156	0.167
	FR1 n12	15M	BPSK	1	77	Left Cheek	0mm	Ant 0	ECI 3	141500	707.5	24.77	25.00	1.054	-0.02	0.331	0.349
	FR1 n12	15M	BPSK	36	22	Left Cheek	0mm	Ant 0	ECI 3	141500	707.5	24.70	25.00	1.072	0.16	0.307	0.329
	FR1 n12	15M	BPSK	1	77	Left Tilted	0mm	Ant 0	ECI 3	141500	707.5	24.77	25.00	1.054	-0.02	0.187	0.197
	FR1 n12	15M	BPSK	36	22	Left Tilted	0mm	Ant 0	ECI 3	141500	707.5	24.70	25.00	1.072	0.08	0.178	0.191
	FR1 n12	15M	BPSK	1	77	Right Cheek	0mm	Ant 1	ECI 2	141500	707.5	23.40	24.70	1.349	-0.07	0.631	0.851
18	FR1 n12	15M	BPSK	36	22	Right Cheek	0mm	Ant 1	ECI 2	141500	707.5	23.18	24.70	1.419	-0.01	0.649	0.921
	FR1 n12	15M	BPSK	75	0	Right Cheek	0mm	Ant 1	ECI 2	141500	707.5	23.25	24.30	1.274	0.15	0.665	0.847
	FR1 n12	15M	BPSK	1	77	Right Tilted	0mm	Ant 1	ECI 2	141500	707.5	23.40	24.70	1.349	-0.03	0.531	0.716
	FR1 n12	15M	BPSK	36	22	Right Tilted	0mm	Ant 1	ECI 2	141500	707.5	23.18	24.70	1.419	0.00	0.557	0.790
	FR1 n12	15M	BPSK	1	77	Left Cheek	0mm	Ant 1	ECI 2	141500	707.5	23.40	24.70	1.349	-0.10	0.417	0.563
	FR1 n12	15M	BPSK	36	22	Left Cheek	0mm	Ant 1	ECI 2	141500	707.5	23.18	24.70	1.419	0.08	0.429	0.609
	FR1 n12	15M	BPSK	1	77	Left Tilted	0mm	Ant 1	ECI 2	141500	707.5	23.40	24.70	1.349	0.04	0.463	0.625
	FR1 n12	15M	BPSK	36	22	Left Tilted	0mm	Ant 1	ECI 2	141500	707.5	23.18	24.70	1.419	0.15	0.466	0.661
	FR1 n12	15M	BPSK	1	77	Right Cheek	0mm	Ant 1	ECI 3	141500	707.5	23.40	24.00	1.148	-0.07	0.631	0.724
	FR1 n12	15M	BPSK	36	22	Right Cheek	0mm	Ant 1	ECI 3	141500	707.5	23.18	24.00	1.208	-0.01	0.649	0.784
	FR1 n12	15M	BPSK	1	77	Right Tilted	0mm	Ant 1	ECI 3	141500	707.5	23.40	24.00	1.148	-0.03	0.531	0.610
	FR1 n12	15M	BPSK	36	22	Right Tilted	0mm	Ant 1	ECI 3	141500	707.5	23.18	24.00	1.208	0.00	0.557	0.673
	FR1 n12	15M	BPSK	1	77	Left Cheek	0mm	Ant 1	ECI 3	141500	707.5	23.40	24.00	1.148	-0.10	0.417	0.479
	FR1 n12	15M	BPSK	36	22	Left Cheek	0mm	Ant 1	ECI 3	141500	707.5	23.18	24.00	1.208	0.08	0.429	0.518
	FR1 n12	15M	BPSK	1	77	Left Tilted	0mm	Ant 1	ECI 3	141500	707.5	23.40	24.00	1.148	0.04	0.463	0.532
	FR1 n12	15M	BPSK	36	22	Left Tilted	0mm	Ant 1	ECI 3	141500	707.5	23.18	24.00	1.208	0.15	0.466	0.563
	FR1 n13	10M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 2	156400	782	24.79	25.00	1.05	0.05	0.255	0.268
	FR1 n13	10M	BPSK	25	14	Right Cheek	0mm	Ant 0	ECI 2	156400	782	24.73	25.00	1.064	-0.02	0.257	0.273
	FR1 n13	10M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 2	156400	782	24.79	25.00	1.05	0.02	0.173	0.182



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Report No. : FA5N0815-01C

	FR1 n13	10M	BPSK	25	14	Right Tilted	Omm	Ant 0	ECI 2	156400	782	24.73	25.00	1.064	0.01	0.182	0.194
	FR1 n13	10M	BPSK	1	1	Left Cheek	Omm	Ant 0	ECI 2	156400	782	24.79	25.00	1.05	0.15	0.363	0.381
	FR1 n13	10M	BPSK	25	14	Left Cheek	Omm	Ant 0	ECI 2	156400	782	24.73	25.00	1.064	-0.04	0.376	0.400
	FR1 n13	10M	BPSK	1	1	Left Tilted	Omm	Ant 0	ECI 2	156400	782	24.79	25.00	1.05	-0.13	0.190	0.200
	FR1 n13	10M	BPSK	25	14	Left Tilted	Omm	Ant 0	ECI 2	156400	782	24.73	25.00	1.064	0.02	0.202	0.215
	FR1 n13	10M	BPSK	1	1	Right Cheek	Omm	Ant 0	ECI 3	156400	782	24.79	25.00	1.05	0.05	0.255	0.268
	FR1 n13	10M	BPSK	25	14	Right Cheek	Omm	Ant 0	ECI 3	156400	782	24.73	25.00	1.064	-0.02	0.257	0.273
	FR1 n13	10M	BPSK	1	1	Right Tilted	Omm	Ant 0	ECI 3	156400	782	24.79	25.00	1.05	0.02	0.173	0.182
	FR1 n13	10M	BPSK	25	14	Right Tilted	Omm	Ant 0	ECI 3	156400	782	24.73	25.00	1.064	0.01	0.182	0.194
	FR1 n13	10M	BPSK	1	1	Left Cheek	Omm	Ant 0	ECI 3	156400	782	24.79	25.00	1.05	0.15	0.363	0.381
	FR1 n13	10M	BPSK	25	14	Left Cheek	Omm	Ant 0	ECI 3	156400	782	24.73	25.00	1.064	-0.04	0.376	0.400
	FR1 n13	10M	BPSK	1	1	Left Tilted	Omm	Ant 0	ECI 3	156400	782	24.79	25.00	1.05	-0.13	0.190	0.200
	FR1 n13	10M	BPSK	25	14	Left Tilted	Omm	Ant 0	ECI 3	156400	782	24.73	25.00	1.064	0.02	0.202	0.215
	FR1 n13	10M	BPSK	1	50	Right Cheek	Omm	Ant 1	ECI 2	156400	782	22.78	23.70	1.236	0.11	0.768	0.949
19	FR1 n13	10M	BPSK	25	27	Right Cheek	Omm	Ant 1	ECI 2	156400	782	22.77	23.70	1.239	-0.01	0.785	0.973
	FR1 n13	10M	BPSK	50	0	Right Cheek	Omm	Ant 1	ECI 2	156400	782	22.71	23.70	1.256	0.15	0.773	0.971
	FR1 n13	10M	BPSK	1	50	Right Tilted	Omm	Ant 1	ECI 2	156400	782	22.78	23.70	1.236	-0.17	0.658	0.813
	FR1 n13	10M	BPSK	25	27	Right Tilted	Omm	Ant 1	ECI 2	156400	782	22.77	23.70	1.239	-0.00	0.674	0.835
	FR1 n13	10M	BPSK	50	0	Right Tilted	Omm	Ant 1	ECI 2	156400	782	22.71	23.70	1.256	0.00	0.661	0.830
	FR1 n13	10M	BPSK	1	50	Left Cheek	Omm	Ant 1	ECI 2	156400	782	22.78	23.70	1.236	0.05	0.495	0.612
	FR1 n13	10M	BPSK	25	27	Left Cheek	Omm	Ant 1	ECI 2	156400	782	22.77	23.70	1.239	0.18	0.503	0.623
	FR1 n13	10M	BPSK	1	50	Left Tilted	Omm	Ant 1	ECI 2	156400	782	22.78	23.70	1.236	0.07	0.461	0.570
	FR1 n13	10M	BPSK	25	27	Left Tilted	Omm	Ant 1	ECI 2	156400	782	22.77	23.70	1.239	-0.14	0.471	0.584
	FR1 n13	10M	BPSK	1	50	Right Cheek	Omm	Ant 1	ECI 3	156400	782	22.78	23.00	1.052	0.11	0.768	0.808
	FR1 n13	10M	BPSK	25	27	Right Cheek	Omm	Ant 1	ECI 3	156400	782	22.77	23.00	1.054	-0.01	0.785	0.827
	FR1 n13	10M	BPSK	50	0	Right Cheek	Omm	Ant 1	ECI 3	156400	782	22.71	23.00	1.069	0.15	0.773	0.826
	FR1 n13	10M	BPSK	1	50	Right Tilted	Omm	Ant 1	ECI 3	156400	782	22.78	23.00	1.052	-0.17	0.658	0.692
	FR1 n13	10M	BPSK	25	27	Right Tilted	Omm	Ant 1	ECI 3	156400	782	22.77	23.00	1.054	-0.00	0.674	0.710
	FR1 n13	10M	BPSK	1	50	Left Cheek	Omm	Ant 1	ECI 3	156400	782	22.78	23.00	1.052	0.05	0.495	0.521
	FR1 n13	10M	BPSK	25	27	Left Cheek	Omm	Ant 1	ECI 3	156400	782	22.77	23.00	1.054	0.18	0.503	0.530
	FR1 n13	10M	BPSK	1	50	Left Tilted	Omm	Ant 1	ECI 3	156400	782	22.78	23.00	1.052	0.07	0.461	0.485
	FR1 n13	10M	BPSK	25	27	Left Tilted	Omm	Ant 1	ECI 3	156400	782	22.77	23.00	1.054	-0.14	0.471	0.496
	FR1 n14	10M	BPSK	1	26	Right Cheek	Omm	Ant 0	ECI 2	158600	793	24.61	25.00	1.094	-0.18	0.231	0.253
	FR1 n14	10M	BPSK	25	14	Right Cheek	Omm	Ant 0	ECI 2	158600	793	24.58	25.00	1.102	0.01	0.233	0.257
	FR1 n14	10M	BPSK	1	26	Right Tilted	Omm	Ant 0	ECI 2	158600	793	24.61	25.00	1.094	-0.00	0.175	0.191
	FR1 n14	10M	BPSK	25	14	Right Tilted	Omm	Ant 0	ECI 2	158600	793	24.58	25.00	1.102	0.09	0.175	0.193
	FR1 n14	10M	BPSK	1	26	Left Cheek	Omm	Ant 0	ECI 2	158600	793	24.61	25.00	1.094	-0.11	0.347	0.380
	FR1 n14	10M	BPSK	25	14	Left Cheek	Omm	Ant 0	ECI 2	158600	793	24.58	25.00	1.102	-0.01	0.348	0.383
	FR1 n14	10M	BPSK	1	26	Left Tilted	Omm	Ant 0	ECI 2	158600	793	24.61	25.00	1.094	-0.02	0.228	0.249
	FR1 n14	10M	BPSK	25	14	Left Tilted	Omm	Ant 0	ECI 2	158600	793	24.58	25.00	1.102	0.10	0.233	0.257
	FR1 n14	10M	BPSK	1	26	Right Cheek	Omm	Ant 0	ECI 3	158600	793	24.61	25.00	1.094	-0.18	0.231	0.253
	FR1 n14	10M	BPSK	25	14	Right Cheek	Omm	Ant 0	ECI 3	158600	793	24.58	25.00	1.102	0.01	0.233	0.257
	FR1 n14	10M	BPSK	1	26	Right Tilted	Omm	Ant 0	ECI 3	158600	793	24.61	25.00	1.094	-0.00	0.175	0.191
	FR1 n14	10M	BPSK	25	14	Right Tilted	Omm	Ant 0	ECI 3	158600	793	24.58	25.00	1.102	0.09	0.175	0.193
	FR1 n14	10M	BPSK	1	26	Left Cheek	Omm	Ant 0	ECI 3	158600	793	24.61	25.00	1.094	-0.11	0.347	0.380
	FR1 n14	10M	BPSK	25	14	Left Cheek	Omm	Ant 0	ECI 3	158600	793	24.58	25.00	1.102	-0.01	0.348	0.383
	FR1 n14	10M	BPSK	1	26	Left Tilted	Omm	Ant 0	ECI 3	158600	793	24.61	25.00	1.094	-0.02	0.228	0.249
	FR1 n14	10M	BPSK	25	14	Left Tilted	Omm	Ant 0	ECI 3	158600	793	24.58	25.00	1.102	0.10	0.233	0.257
	FR1 n14	10M	BPSK	1	1	Right Cheek	Omm	Ant 1	ECI 2	158600	793	22.54	23.80	1.337	0.05	0.723	0.967
	FR1 n14	10M	BPSK	25	14	Right Cheek	Omm	Ant 1	ECI 2	158600	793	22.38	23.80	1.387	-0.03	0.686	0.951
20	FR1 n14	10M	BPSK	50	0	Right Cheek	Omm	Ant 1	ECI 2	158600	793	22.34	23.80	1.4	0.02	0.697	0.976
	FR1 n14	10M	BPSK	1	1	Right Tilted	Omm	Ant 1	ECI 2	158600	793	22.54	23.80	1.337	0.13	0.708	0.947
	FR1 n14	10M	BPSK	25	14	Right Tilted	Omm	Ant 1	ECI 2	158600	793	22.38	23.80	1.387	0.14	0.678	0.940
	FR1 n14	10M	BPSK	50	0	Right Tilted	Omm	Ant 1	ECI 2	158600	793	22.34	23.80	1.4	0.05	0.675	0.945
	FR1 n14	10M	BPSK	1	1	Left Cheek	Omm	Ant 1	ECI 2	158600	793	22.54	23.80	1.337	0.17	0.449	0.600
	FR1 n14	10M	BPSK	25	14	Left Cheek	Omm	Ant 1	ECI 2	158600	793	22.38	23.80	1.387	0.17	0.441	0.612
	FR1 n14	10M	BPSK	1	1	Left Tilted	Omm	Ant 1	ECI 2	158600	793	22.54	23.80	1.337	0.19	0.466	0.623
	FR1 n14	10M	BPSK	25	14	Left Tilted	Omm	Ant 1	ECI 2	158600	793	22.38	23.80	1.387	-0.19	0.448	0.621
	FR1 n14	10M	BPSK	1	1	Right Cheek	Omm	Ant 1	ECI 3	158600	793	22.54	23.10	1.138	0.05	0.723	0.823
	FR1 n14	10M	BPSK	25	14	Right Cheek	Omm	Ant 1	ECI 3	158600	793	22.38	23.10	1.18	-0.03	0.686	0.809
	FR1 n14	10M	BPSK	50	0	Right Cheek	Omm	Ant 1	ECI 3	158600	793	22.34	23.10	1.191	0.02	0.697	0.830
	FR1 n14	10M	BPSK	1	1	Right Tilted	Omm	Ant 1	ECI 3	158600	793	22.54	23.10	1.138	0.13	0.708	0.806
	FR1 n14	10M	BPSK	25	14	Right Tilted	Omm	Ant 1	ECI 3	158600	793	22.38	23.10	1.18	0.14	0.678	0.800
	FR1 n14	10M	BPSK	50	0	Right Tilted	Omm	Ant 1	ECI 3	158600	793	22.34	23.10	1.191	0.05	0.675	0.804
	FR1 n14	10M	BPSK	1	1	Left Cheek	Omm	Ant 1	ECI 3	158600	793	22.54	23.10	1.138	0.17	0.449	0.511
	FR1 n14	10M	BPSK	25	14	Left Cheek	Omm	Ant 1	ECI 3	158600	793	22.38	23.10	1.18	0.17	0.441	0.520
	FR1 n14	10M	BPSK	1	1	Left Tilted	Omm	Ant 1	ECI 3	158600	793	22.54	23.10	1.138	0.19	0.466	0.530
	FR1 n14	10M	BPSK	25	14	Left Tilted	Omm	Ant 1	ECI 3	158600	793	22.38	23.10	1.18	-0.19	0.448	0.529
	FR1 n25	40M	BPSK	1	108	Right Cheek	Omm	Ant 2	ECI 2	376500	1882.5	24.31	25.00	1.172	0.00	0.550	0.645
	FR1 n25	40M	BPSK	108	54	Right Cheek	Omm	Ant 2	ECI 2	376500	1882.5	24.28	25.00	1.18	0.19	0.544	0.642
	FR1 n25	40M	BPSK	1	108	Right Tilted	Omm	Ant 2	ECI 2	376500	1882.5	24.31	25.00	1.172	0.06	0.196	0.230
	FR1 n25	40M	BPSK	108	54	Right Tilted	Omm	Ant 2	ECI 2	376500	1882.5	24.28	25.00	1.18	0.01	0.206	0.243
	FR1 n25	40M	BPSK	1	108	Left Cheek	Omm	Ant 2	ECI 2	376500	1882.5	24.31	25.00	1.172	0.18	0.244	0.286



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	FR1 n25	40M	BPSK	108	54	Left Cheek	0mm	Ant 2	ECI 2	376500	1882.5	24.28	25.00	1.18	-0.14	0.246	0.290
	FR1 n25	40M	BPSK	1	108	Left Tilted	0mm	Ant 2	ECI 2	376500	1882.5	24.31	25.00	1.172	-0.02	0.173	0.203
	FR1 n25	40M	BPSK	108	54	Left Tilted	0mm	Ant 2	ECI 2	376500	1882.5	24.28	25.00	1.18	0.09	0.177	0.209
	FR1 n25	40M	BPSK	1	108	Right Cheek	0mm	Ant 2	ECI 3	376500	1882.5	24.31	25.00	1.172	0.00	0.550	0.645
	FR1 n25	40M	BPSK	108	54	Right Cheek	0mm	Ant 2	ECI 3	376500	1882.5	24.28	25.00	1.18	0.19	0.544	0.642
	FR1 n25	40M	BPSK	1	108	Right Tilted	0mm	Ant 2	ECI 3	376500	1882.5	24.31	25.00	1.172	0.06	0.196	0.230
	FR1 n25	40M	BPSK	108	54	Right Tilted	0mm	Ant 2	ECI 3	376500	1882.5	24.28	25.00	1.18	0.01	0.206	0.243
	FR1 n25	40M	BPSK	1	108	Left Cheek	0mm	Ant 2	ECI 3	376500	1882.5	24.31	25.00	1.172	0.18	0.244	0.286
	FR1 n25	40M	BPSK	108	54	Left Cheek	0mm	Ant 2	ECI 3	376500	1882.5	24.28	25.00	1.18	-0.14	0.246	0.290
	FR1 n25	40M	BPSK	1	108	Left Tilted	0mm	Ant 2	ECI 3	376500	1882.5	24.31	25.00	1.172	-0.02	0.173	0.203
	FR1 n25	40M	BPSK	108	54	Left Tilted	0mm	Ant 2	ECI 3	376500	1882.5	24.28	25.00	1.18	0.09	0.177	0.209
	FR1 n25	40M	BPSK	1	108	Right Cheek	0mm	Ant 0	ECI 2	376500	1882.5	24.23	24.90	1.167	-0.09	0.001	0.001
	FR1 n25	40M	BPSK	108	54	Right Cheek	0mm	Ant 0	ECI 2	376500	1882.5	24.21	24.90	1.172	0.00	0.001	0.001
	FR1 n25	40M	BPSK	1	108	Right Tilted	0mm	Ant 0	ECI 2	376500	1882.5	24.23	24.90	1.167	0.01	0.002	0.002
	FR1 n25	40M	BPSK	108	54	Right Tilted	0mm	Ant 0	ECI 2	376500	1882.5	24.21	24.90	1.172	0.00	0.001	0.001
	FR1 n25	40M	BPSK	1	108	Left Cheek	0mm	Ant 0	ECI 2	376500	1882.5	24.23	24.90	1.167	-0.02	0.049	0.057
	FR1 n25	40M	BPSK	108	54	Left Cheek	0mm	Ant 0	ECI 2	376500	1882.5	24.21	24.90	1.172	-0.01	0.045	0.053
	FR1 n25	40M	BPSK	1	108	Left Tilted	0mm	Ant 0	ECI 2	376500	1882.5	24.23	24.90	1.167	-0.08	0.012	0.014
	FR1 n25	40M	BPSK	108	54	Left Tilted	0mm	Ant 0	ECI 2	376500	1882.5	24.21	24.90	1.172	-0.03	0.009	0.011
	FR1 n25	40M	BPSK	1	108	Right Cheek	0mm	Ant 0	ECI 3	376500	1882.5	24.23	24.90	1.167	-0.09	0.001	0.001
	FR1 n25	40M	BPSK	108	54	Right Cheek	0mm	Ant 0	ECI 3	376500	1882.5	24.21	24.90	1.172	0.00	0.001	0.001
	FR1 n25	40M	BPSK	1	108	Right Tilted	0mm	Ant 0	ECI 3	376500	1882.5	24.23	24.90	1.167	0.01	0.002	0.002
	FR1 n25	40M	BPSK	108	54	Right Tilted	0mm	Ant 0	ECI 3	376500	1882.5	24.21	24.90	1.172	0.00	0.001	0.001
	FR1 n25	40M	BPSK	1	108	Left Cheek	0mm	Ant 0	ECI 3	376500	1882.5	24.23	24.90	1.167	-0.02	0.049	0.057
	FR1 n25	40M	BPSK	108	54	Left Cheek	0mm	Ant 0	ECI 3	376500	1882.5	24.21	24.90	1.172	-0.01	0.045	0.053
	FR1 n25	40M	BPSK	1	108	Left Tilted	0mm	Ant 0	ECI 3	376500	1882.5	24.23	24.90	1.167	-0.08	0.012	0.014
	FR1 n25	40M	BPSK	108	54	Left Tilted	0mm	Ant 0	ECI 3	376500	1882.5	24.21	24.90	1.172	-0.03	0.009	0.011
	FR1 n25	40M	BPSK	1	214	Right Cheek	0mm	Ant 1	ECI 2	376500	1882.5	18.60	18.60	1.000	-0.01	0.722	0.722
	FR1 n25	40M	BPSK	108	54	Right Cheek	0mm	Ant 1	ECI 2	376500	1882.5	18.42	18.60	1.042	0.10	0.642	0.669
	FR1 n25	40M	BPSK	1	214	Right Tilted	0mm	Ant 1	ECI 2	376500	1882.5	18.60	18.60	1.000	-0.18	0.647	0.647
	FR1 n25	40M	BPSK	108	54	Right Tilted	0mm	Ant 1	ECI 2	376500	1882.5	18.42	18.60	1.042	-0.17	0.635	0.662
	FR1 n25	40M	BPSK	1	214	Left Cheek	0mm	Ant 1	ECI 2	376500	1882.5	18.60	18.60	1.000	0.04	0.417	0.417
	FR1 n25	40M	BPSK	108	54	Left Cheek	0mm	Ant 1	ECI 2	376500	1882.5	18.42	18.60	1.042	-0.13	0.370	0.386
	FR1 n25	40M	BPSK	1	214	Left Tilted	0mm	Ant 1	ECI 2	376500	1882.5	18.60	18.60	1.000	0.16	0.441	0.441
	FR1 n25	40M	BPSK	108	54	Left Tilted	0mm	Ant 1	ECI 2	376500	1882.5	18.42	18.60	1.042	0.05	0.400	0.417
	FR1 n25	40M	BPSK	1	214	Right Cheek	0mm	Ant 1	ECI 3	376500	1882.5	18.60	18.60	1.000	-0.01	0.722	0.722
	FR1 n25	40M	BPSK	108	54	Right Cheek	0mm	Ant 1	ECI 3	376500	1882.5	18.42	18.60	1.042	0.10	0.642	0.669
	FR1 n25	40M	BPSK	1	214	Right Tilted	0mm	Ant 1	ECI 3	376500	1882.5	18.60	18.60	1.000	-0.18	0.647	0.647
	FR1 n25	40M	BPSK	108	54	Right Tilted	0mm	Ant 1	ECI 3	376500	1882.5	18.42	18.60	1.042	-0.17	0.635	0.662
	FR1 n25	40M	BPSK	1	214	Left Cheek	0mm	Ant 1	ECI 3	376500	1882.5	18.60	18.60	1.000	0.04	0.417	0.417
	FR1 n25	40M	BPSK	108	54	Left Cheek	0mm	Ant 1	ECI 3	376500	1882.5	18.42	18.60	1.042	-0.13	0.370	0.386
	FR1 n25	40M	BPSK	1	214	Left Tilted	0mm	Ant 1	ECI 3	376500	1882.5	18.60	18.60	1.000	0.16	0.441	0.441
	FR1 n25	40M	BPSK	108	54	Left Tilted	0mm	Ant 1	ECI 3	376500	1882.5	18.42	18.60	1.042	0.05	0.400	0.417
	FR1 n25	40M	BPSK	1	108	Right Cheek	0mm	Ant 5	ECI 2	376500	1882.5	17.44	18.50	1.276	0.01	0.476	0.607
	FR1 n25	40M	BPSK	108	0	Right Cheek	0mm	Ant 5	ECI 2	376500	1882.5	17.50	18.50	1.259	-0.09	0.462	0.582
	FR1 n25	40M	BPSK	1	108	Right Tilted	0mm	Ant 5	ECI 2	376500	1882.5	17.44	18.50	1.276	-0.05	0.103	0.131
	FR1 n25	40M	BPSK	108	0	Right Tilted	0mm	Ant 5	ECI 2	376500	1882.5	17.50	18.50	1.259	-0.16	0.101	0.127
21	FR1 n25	40M	BPSK	1	108	Left Cheek	0mm	Ant 5	ECI 2	376500	1882.5	17.44	18.50	1.276	-0.01	0.778	0.993
	FR1 n25	40M	BPSK	108	0	Left Cheek	0mm	Ant 5	ECI 2	376500	1882.5	17.50	18.50	1.259	0.14	0.763	0.961
	FR1 n25	40M	BPSK	216	0	Left Cheek	0mm	Ant 5	ECI 2	376500	1882.5	17.46	18.50	1.271	-0.06	0.780	0.991
	FR1 n25	40M	BPSK	1	108	Left Tilted	0mm	Ant 5	ECI 2	376500	1882.5	17.44	18.50	1.276	-0.02	0.150	0.191
	FR1 n25	40M	BPSK	108	0	Left Tilted	0mm	Ant 5	ECI 2	376500	1882.5	17.50	18.50	1.259	0.12	0.149	0.188
	FR1 n25	40M	BPSK	1	108	Right Cheek	0mm	Ant 5	ECI 3	376500	1882.5	15.75	17.10	1.365	-0.17	0.298	0.407
	FR1 n25	40M	BPSK	108	0	Right Cheek	0mm	Ant 5	ECI 3	376500	1882.5	15.82	17.10	1.343	-0.05	0.285	0.383
	FR1 n25	40M	BPSK	1	108	Right Tilted	0mm	Ant 5	ECI 3	376500	1882.5	15.75	17.10	1.365	0.19	0.064	0.087
	FR1 n25	40M	BPSK	108	0	Right Tilted	0mm	Ant 5	ECI 3	376500	1882.5	15.82	17.10	1.343	0.15	0.062	0.083
	FR1 n25	40M	BPSK	1	108	Left Cheek	0mm	Ant 5	ECI 3	376500	1882.5	15.75	17.10	1.365	0.14	0.488	0.666
	FR1 n25	40M	BPSK	108	0	Left Cheek	0mm	Ant 5	ECI 3	376500	1882.5	15.82	17.10	1.343	-0.07	0.472	0.634
	FR1 n25	40M	BPSK	1	108	Left Tilted	0mm	Ant 5	ECI 3	376500	1882.5	15.75	17.10	1.365	-0.05	0.094	0.128
	FR1 n25	40M	BPSK	108	0	Left Tilted	0mm	Ant 5	ECI 3	376500	1882.5	15.82	17.10	1.343	-0.15	0.092	0.124
	FR1 n26	20M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	0.11	0.203	0.229
	FR1 n26	20M	BPSK	50	28	Right Cheek	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	-0.00	0.218	0.246
	FR1 n26	20M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	0.00	0.114	0.128
	FR1 n26	20M	BPSK	50	28	Right Tilted	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	0.01	0.117	0.132
	FR1 n26	20M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	-0.10	0.367	0.414
	FR1 n26	20M	BPSK	50	28	Left Cheek	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	-0.09	0.371	0.418
	FR1 n26	20M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	0.11	0.116	0.131
	FR1 n26	20M	BPSK	50	28	Left Tilted	0mm	Ant 0	ECI 2	166300	831.5	24.48	25.00	1.127	-0.05	0.127	0.143
	FR1 n26	20M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	0.11	0.203	0.229
	FR1 n26	20M	BPSK	50	28	Right Cheek	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	-0.00	0.218	0.246
	FR1 n26	20M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	0.00	0.114	0.128
	FR1 n26	20M	BPSK	50	28	Right Tilted	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	0.01	0.117	0.132
	FR1 n26	20M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	-0.10	0.367	0.414



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	FR1 n26	20M	BPSK	50	28	Left Cheek	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	-0.09	0.371	0.418
	FR1 n26	20M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	0.11	0.116	0.131
	FR1 n26	20M	BPSK	50	28	Left Tilted	0mm	Ant 0	ECI 3	166300	831.5	24.48	25.00	1.127	-0.05	0.127	0.143
	FR1 n26	20M	BPSK	1	104	Right Cheek	0mm	Ant 1	ECI 2	166300	831.5	22.61	23.90	1.346	0.08	0.715	0.962
	FR1 n26	20M	BPSK	50	56	Right Cheek	0mm	Ant 1	ECI 2	166300	831.5	22.65	23.90	1.334	0.05	0.707	0.943
22	FR1 n26	20M	BPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	166300	831.5	22.59	23.90	1.352	-0.02	0.732	0.990
	FR1 n26	20M	BPSK	1	104	Right Tilted	0mm	Ant 1	ECI 2	166300	831.5	22.61	23.90	1.346	-0.09	0.643	0.865
	FR1 n26	20M	BPSK	50	56	Right Tilted	0mm	Ant 1	ECI 2	166300	831.5	22.65	23.90	1.334	-0.06	0.651	0.868
	FR1 n26	20M	BPSK	100	0	Right Tilted	0mm	Ant 1	ECI 2	166300	831.5	22.59	23.90	1.352	-0.03	0.639	0.864
	FR1 n26	20M	BPSK	1	104	Left Cheek	0mm	Ant 1	ECI 2	166300	831.5	22.61	23.90	1.346	-0.01	0.398	0.536
	FR1 n26	20M	BPSK	50	56	Left Cheek	0mm	Ant 1	ECI 2	166300	831.5	22.65	23.90	1.334	0.17	0.391	0.522
	FR1 n26	20M	BPSK	1	104	Left Tilted	0mm	Ant 1	ECI 2	166300	831.5	22.61	23.90	1.346	0.14	0.379	0.510
	FR1 n26	20M	BPSK	50	56	Left Tilted	0mm	Ant 1	ECI 2	166300	831.5	22.65	23.90	1.334	0.12	0.384	0.512
	FR1 n26	20M	BPSK	1	104	Right Cheek	0mm	Ant 1	ECI 3	166300	831.5	22.61	23.10	1.119	0.08	0.715	0.800
	FR1 n26	20M	BPSK	50	56	Right Cheek	0mm	Ant 1	ECI 3	166300	831.5	22.65	23.10	1.109	0.05	0.707	0.784
	FR1 n26	20M	BPSK	100	0	Right Cheek	0mm	Ant 1	ECI 3	166300	831.5	22.59	23.10	1.125	-0.02	0.732	0.824
	FR1 n26	20M	BPSK	1	104	Right Tilted	0mm	Ant 1	ECI 3	166300	831.5	22.61	23.10	1.119	-0.09	0.643	0.720
	FR1 n26	20M	BPSK	50	56	Right Tilted	0mm	Ant 1	ECI 3	166300	831.5	22.65	23.10	1.109	-0.06	0.651	0.722
	FR1 n26	20M	BPSK	1	104	Left Cheek	0mm	Ant 1	ECI 3	166300	831.5	22.61	23.10	1.119	-0.01	0.398	0.445
	FR1 n26	20M	BPSK	50	56	Left Cheek	0mm	Ant 1	ECI 3	166300	831.5	22.65	23.10	1.109	0.17	0.391	0.434
	FR1 n26	20M	BPSK	1	104	Left Tilted	0mm	Ant 1	ECI 3	166300	831.5	22.61	23.10	1.119	0.14	0.379	0.424
	FR1 n26	20M	BPSK	50	56	Left Tilted	0mm	Ant 1	ECI 3	166300	831.5	22.65	23.10	1.109	0.12	0.384	0.426
23	FR1 n30	10M	BPSK	1	1	Right Cheek	0mm	Ant 2	ECI 2	462000	2310	24.19	24.60	1.099	-0.07	0.720	0.791
	FR1 n30	10M	BPSK	25	14	Right Cheek	0mm	Ant 2	ECI 2	462000	2310	24.13	24.60	1.114	-0.13	0.703	0.783
	FR1 n30	10M	BPSK	1	1	Right Tilted	0mm	Ant 2	ECI 2	462000	2310	24.19	24.60	1.099	-0.04	0.220	0.242
	FR1 n30	10M	BPSK	25	14	Right Tilted	0mm	Ant 2	ECI 2	462000	2310	24.13	24.60	1.114	0.07	0.220	0.245
	FR1 n30	10M	BPSK	1	1	Left Cheek	0mm	Ant 2	ECI 2	462000	2310	24.19	24.60	1.099	-0.14	0.383	0.421
	FR1 n30	10M	BPSK	25	14	Left Cheek	0mm	Ant 2	ECI 2	462000	2310	24.13	24.60	1.114	-0.09	0.380	0.423
	FR1 n30	10M	BPSK	1	1	Left Tilted	0mm	Ant 2	ECI 2	462000	2310	24.19	24.60	1.099	0.14	0.261	0.287
	FR1 n30	10M	BPSK	25	14	Left Tilted	0mm	Ant 2	ECI 2	462000	2310	24.13	24.60	1.114	-0.09	0.269	0.300
	FR1 n30	10M	BPSK	1	1	Right Cheek	0mm	Ant 2	ECI 3	462000	2310	24.19	24.60	1.099	-0.07	0.720	0.791
	FR1 n30	10M	BPSK	25	14	Right Cheek	0mm	Ant 2	ECI 3	462000	2310	24.13	24.60	1.114	-0.13	0.703	0.783
	FR1 n30	10M	BPSK	1	1	Right Tilted	0mm	Ant 2	ECI 3	462000	2310	24.19	24.60	1.099	-0.04	0.220	0.242
	FR1 n30	10M	BPSK	25	14	Right Tilted	0mm	Ant 2	ECI 3	462000	2310	24.13	24.60	1.114	0.07	0.220	0.245
	FR1 n30	10M	BPSK	1	1	Left Cheek	0mm	Ant 2	ECI 3	462000	2310	24.19	24.60	1.099	-0.14	0.383	0.421
	FR1 n30	10M	BPSK	25	14	Left Cheek	0mm	Ant 2	ECI 3	462000	2310	24.13	24.60	1.114	-0.09	0.380	0.423
	FR1 n30	10M	BPSK	1	1	Left Tilted	0mm	Ant 2	ECI 3	462000	2310	24.19	24.60	1.099	0.14	0.261	0.287
	FR1 n30	10M	BPSK	25	14	Left Tilted	0mm	Ant 2	ECI 3	462000	2310	24.13	24.60	1.114	-0.09	0.269	0.300
	FR1 n30	10M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 2	462000	2310	24.15	24.60	1.109	-0.07	0.055	0.061
	FR1 n30	10M	BPSK	25	14	Right Cheek	0mm	Ant 0	ECI 2	462000	2310	24.14	24.60	1.112	0.17	0.051	0.057
	FR1 n30	10M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 2	462000	2310	24.15	24.60	1.109	-0.13	0.032	0.035
	FR1 n30	10M	BPSK	25	14	Right Tilted	0mm	Ant 0	ECI 2	462000	2310	24.14	24.60	1.112	0.14	0.031	0.034
	FR1 n30	10M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 2	462000	2310	24.15	24.60	1.109	-0.10	0.059	0.065
	FR1 n30	10M	BPSK	25	14	Left Cheek	0mm	Ant 0	ECI 2	462000	2310	24.14	24.60	1.112	0.15	0.055	0.061
	FR1 n30	10M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 2	462000	2310	24.15	24.60	1.109	-0.14	0.034	0.038
	FR1 n30	10M	BPSK	25	14	Left Tilted	0mm	Ant 0	ECI 2	462000	2310	24.14	24.60	1.112	-0.02	0.027	0.030
	FR1 n30	10M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 3	462000	2310	24.15	24.60	1.109	-0.07	0.055	0.061
	FR1 n30	10M	BPSK	25	14	Right Cheek	0mm	Ant 0	ECI 3	462000	2310	24.14	24.60	1.112	0.17	0.051	0.057
	FR1 n30	10M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 3	462000	2310	24.15	24.60	1.109	-0.13	0.032	0.035
	FR1 n30	10M	BPSK	25	14	Right Tilted	0mm	Ant 0	ECI 3	462000	2310	24.14	24.60	1.112	0.14	0.031	0.034
	FR1 n30	10M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 3	462000	2310	24.15	24.60	1.109	-0.10	0.059	0.065
	FR1 n30	10M	BPSK	25	14	Left Cheek	0mm	Ant 0	ECI 3	462000	2310	24.14	24.60	1.112	0.15	0.055	0.061
	FR1 n30	10M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 3	462000	2310	24.15	24.60	1.109	-0.14	0.034	0.038
	FR1 n30	10M	BPSK	25	14	Left Tilted	0mm	Ant 0	ECI 3	462000	2310	24.14	24.60	1.112	-0.02	0.027	0.030
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 2	ECI 2	349000	1745	24.38	25.00	1.153	-0.10	0.379	0.437
	FR1 n66	45M	BPSK	120	60	Right Cheek	0mm	Ant 2	ECI 2	349000	1745	24.37	25.00	1.156	0.12	0.376	0.435
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 2	ECI 2	349000	1745	24.38	25.00	1.153	-0.08	0.196	0.226
	FR1 n66	45M	BPSK	120	60	Right Tilted	0mm	Ant 2	ECI 2	349000	1745	24.37	25.00	1.156	-0.11	0.183	0.212
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 2	ECI 2	349000	1745	24.38	25.00	1.153	-0.02	0.200	0.231
	FR1 n66	45M	BPSK	120	60	Left Cheek	0mm	Ant 2	ECI 2	349000	1745	24.37	25.00	1.156	0.16	0.193	0.223
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 2	ECI 2	349000	1745	24.38	25.00	1.153	-0.08	0.181	0.209
	FR1 n66	45M	BPSK	120	60	Left Tilted	0mm	Ant 2	ECI 2	349000	1745	24.37	25.00	1.156	-0.13	0.177	0.205
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 2	ECI 3	349000	1745	24.38	25.00	1.153	-0.10	0.379	0.437
	FR1 n66	45M	BPSK	120	60	Right Cheek	0mm	Ant 2	ECI 3	349000	1745	24.37	25.00	1.156	0.12	0.376	0.435
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 2	ECI 3	349000	1745	24.38	25.00	1.153	-0.08	0.196	0.226
	FR1 n66	45M	BPSK	120	60	Right Tilted	0mm	Ant 2	ECI 3	349000	1745	24.37	25.00	1.156	-0.11	0.183	0.212
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 2	ECI 3	349000	1745	24.38	25.00	1.153	-0.02	0.200	0.231
	FR1 n66	45M	BPSK	120	60	Left Cheek	0mm	Ant 2	ECI 3	349000	1745	24.37	25.00	1.156	0.16	0.193	0.223
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 2	ECI 3	349000	1745	24.38	25.00	1.153	-0.08	0.181	0.209
	FR1 n66	45M	BPSK	120	60	Left Tilted	0mm	Ant 2	ECI 3	349000	1745	24.37	25.00	1.156	-0.13	0.177	0.205
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 0	ECI 2	349000	1745	24.41	24.80	1.094	-0.05	0.023	0.025
	FR1 n66	45M	BPSK	120	60	Right Cheek	0mm	Ant 0	ECI 2	349000	1745	24.39	24.80	1.099	0.15	0.019	0.021
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 0	ECI 2	349000	1745	24.41	24.80	1.094	-0.11	0.023	0.025



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	FR1 n66	45M	BPSK	120	60	Right Tilted	0mm	Ant 0	ECI 2	349000	1745	24.39	24.80	1.099	-0.12	0.019	0.021
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 0	ECI 2	349000	1745	24.41	24.80	1.094	-0.06	0.052	0.057
	FR1 n66	45M	BPSK	120	60	Left Cheek	0mm	Ant 0	ECI 2	349000	1745	24.39	24.80	1.099	-0.04	0.045	0.049
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 0	ECI 2	349000	1745	24.41	24.80	1.094	-0.16	0.021	0.023
	FR1 n66	45M	BPSK	120	60	Left Tilted	0mm	Ant 0	ECI 2	349000	1745	24.39	24.80	1.099	0.10	0.021	0.023
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 0	ECI 3	349000	1745	24.41	24.80	1.094	-0.05	0.023	0.025
	FR1 n66	45M	BPSK	120	60	Right Cheek	0mm	Ant 0	ECI 3	349000	1745	24.39	24.80	1.099	0.15	0.019	0.021
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 0	ECI 3	349000	1745	24.41	24.80	1.094	-0.11	0.023	0.025
	FR1 n66	45M	BPSK	120	60	Right Tilted	0mm	Ant 0	ECI 3	349000	1745	24.39	24.80	1.099	-0.12	0.019	0.021
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 0	ECI 3	349000	1745	24.41	24.80	1.094	-0.06	0.052	0.057
	FR1 n66	45M	BPSK	120	60	Left Cheek	0mm	Ant 0	ECI 3	349000	1745	24.39	24.80	1.099	-0.04	0.045	0.049
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 0	ECI 3	349000	1745	24.41	24.80	1.094	-0.16	0.021	0.023
	FR1 n66	45M	BPSK	120	60	Left Tilted	0mm	Ant 0	ECI 3	349000	1745	24.39	24.80	1.099	0.00	0.021	0.023
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 1	ECI 2	349000	1745	20.67	21.80	1.297	-0.01	0.712	0.923
24	FR1 n66	45M	BPSK	120	60	Right Cheek	0mm	Ant 1	ECI 2	349000	1745	20.54	21.80	1.337	0.00	0.730	0.976
	FR1 n66	45M	BPSK	240	0	Right Cheek	0mm	Ant 1	ECI 2	349000	1745	20.50	21.80	1.349	-0.16	0.701	0.946
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 1	ECI 2	349000	1745	20.67	21.80	1.297	-0.04	0.632	0.820
	FR1 n66	45M	BPSK	120	60	Right Tilted	0mm	Ant 1	ECI 2	349000	1745	20.54	21.80	1.337	0.01	0.619	0.828
	FR1 n66	45M	BPSK	240	0	Right Tilted	0mm	Ant 1	ECI 2	349000	1745	20.50	21.80	1.349	0.17	0.603	0.813
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 1	ECI 2	349000	1745	20.67	21.80	1.297	0.14	0.556	0.721
	FR1 n66	45M	BPSK	120	60	Left Cheek	0mm	Ant 1	ECI 2	349000	1745	20.54	21.80	1.337	0.15	0.570	0.762
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 1	ECI 2	349000	1745	20.67	21.80	1.297	0.06	0.411	0.533
	FR1 n66	45M	BPSK	120	60	Left Tilted	0mm	Ant 1	ECI 2	349000	1745	20.54	21.80	1.337	0.01	0.428	0.572
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 1	ECI 3	349000	1745	20.67	21.10	1.104	-0.01	0.712	0.786
	FR1 n66	45M	BPSK	120	60	Right Cheek	0mm	Ant 1	ECI 3	349000	1745	20.54	21.10	1.138	0.00	0.730	0.831
	FR1 n66	45M	BPSK	240	0	Right Cheek	0mm	Ant 1	ECI 3	349000	1745	20.50	21.10	1.148	-0.16	0.701	0.805
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 1	ECI 3	349000	1745	20.67	21.10	1.104	-0.04	0.632	0.698
	FR1 n66	45M	BPSK	120	60	Right Tilted	0mm	Ant 1	ECI 3	349000	1745	20.54	21.10	1.138	0.01	0.619	0.704
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 1	ECI 3	349000	1745	20.67	21.10	1.104	0.14	0.556	0.614
	FR1 n66	45M	BPSK	120	60	Left Cheek	0mm	Ant 1	ECI 3	349000	1745	20.54	21.10	1.138	0.15	0.570	0.649
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 1	ECI 3	349000	1745	20.67	21.10	1.104	0.06	0.411	0.454
	FR1 n66	45M	BPSK	120	60	Left Tilted	0mm	Ant 1	ECI 3	349000	1745	20.54	21.10	1.138	0.01	0.428	0.487
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 5	ECI 2	349000	1745	17.28	18.60	1.355	0.17	0.440	0.596
	FR1 n66	45M	BPSK	120	0	Right Cheek	0mm	Ant 5	ECI 2	349000	1745	17.29	18.60	1.352	0.17	0.456	0.617
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 5	ECI 2	349000	1745	17.28	18.60	1.355	-0.17	0.088	0.119
	FR1 n66	45M	BPSK	120	0	Right Tilted	0mm	Ant 5	ECI 2	349000	1745	17.29	18.60	1.352	-0.04	0.086	0.116
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 5	ECI 2	349000	1745	17.28	18.60	1.355	0.00	0.644	0.873
	FR1 n66	45M	BPSK	120	0	Left Cheek	0mm	Ant 5	ECI 2	349000	1745	17.29	18.60	1.352	0.14	0.637	0.861
	FR1 n66	45M	BPSK	240	0	Left Cheek	0mm	Ant 5	ECI 2	349000	1745	17.19	18.60	1.384	0.05	0.629	0.871
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 5	ECI 2	349000	1745	17.28	18.60	1.355	0.08	0.129	0.175
	FR1 n66	45M	BPSK	120	0	Left Tilted	0mm	Ant 5	ECI 2	349000	1745	17.29	18.60	1.352	0.13	0.134	0.181
	FR1 n66	45M	BPSK	1	120	Right Cheek	0mm	Ant 5	ECI 3	349000	1745	17.28	17.30	1.005	0.17	0.440	0.442
	FR1 n66	45M	BPSK	120	0	Right Cheek	0mm	Ant 5	ECI 3	349000	1745	17.29	17.30	1.002	0.17	0.456	0.457
	FR1 n66	45M	BPSK	1	120	Right Tilted	0mm	Ant 5	ECI 3	349000	1745	17.28	17.30	1.005	-0.17	0.088	0.088
	FR1 n66	45M	BPSK	120	0	Right Tilted	0mm	Ant 5	ECI 3	349000	1745	17.29	17.30	1.002	-0.04	0.086	0.086
	FR1 n66	45M	BPSK	1	120	Left Cheek	0mm	Ant 5	ECI 3	349000	1745	17.28	17.30	1.005	0.00	0.644	0.647
	FR1 n66	45M	BPSK	120	0	Left Cheek	0mm	Ant 5	ECI 3	349000	1745	17.29	17.30	1.002	0.14	0.637	0.638
	FR1 n66	45M	BPSK	1	120	Left Tilted	0mm	Ant 5	ECI 3	349000	1745	17.28	17.30	1.005	0.08	0.129	0.130
	FR1 n66	45M	BPSK	120	0	Left Tilted	0mm	Ant 5	ECI 3	349000	1745	17.29	17.30	1.002	0.13	0.134	0.134
	FR1 n70	15M	BPSK	1	77	Right Cheek	0mm	Ant 2	ECI 2	340500	1702.5	24.26	24.80	1.132	-0.03	0.396	0.448
	FR1 n70	15M	BPSK	36	22	Right Cheek	0mm	Ant 2	ECI 2	340500	1702.5	24.14	24.80	1.164	0.11	0.377	0.439
	FR1 n70	15M	BPSK	1	77	Right Tilted	0mm	Ant 2	ECI 2	340500	1702.5	24.26	24.80	1.132	-0.09	0.222	0.251
	FR1 n70	15M	BPSK	36	22	Right Tilted	0mm	Ant 2	ECI 2	340500	1702.5	24.14	24.80	1.164	0.08	0.210	0.244
	FR1 n70	15M	BPSK	1	77	Left Cheek	0mm	Ant 2	ECI 2	340500	1702.5	24.26	24.80	1.132	-0.01	0.190	0.215
	FR1 n70	15M	BPSK	36	22	Left Cheek	0mm	Ant 2	ECI 2	340500	1702.5	24.14	24.80	1.164	0.14	0.182	0.212
	FR1 n70	15M	BPSK	1	77	Left Tilted	0mm	Ant 2	ECI 2	340500	1702.5	24.26	24.80	1.132	-0.02	0.192	0.217
	FR1 n70	15M	BPSK	36	22	Left Tilted	0mm	Ant 2	ECI 2	340500	1702.5	24.14	24.80	1.164	-0.03	0.181	0.211
	FR1 n70	15M	BPSK	1	77	Right Cheek	0mm	Ant 2	ECI 3	340500	1702.5	24.26	24.80	1.132	-0.03	0.396	0.448
	FR1 n70	15M	BPSK	36	22	Right Cheek	0mm	Ant 2	ECI 3	340500	1702.5	24.14	24.80	1.164	0.11	0.377	0.439
	FR1 n70	15M	BPSK	1	77	Right Tilted	0mm	Ant 2	ECI 3	340500	1702.5	24.26	24.80	1.132	-0.09	0.222	0.251
	FR1 n70	15M	BPSK	36	22	Right Tilted	0mm	Ant 2	ECI 3	340500	1702.5	24.14	24.80	1.164	0.08	0.210	0.244
	FR1 n70	15M	BPSK	1	77	Left Cheek	0mm	Ant 2	ECI 3	340500	1702.5	24.26	24.80	1.132	-0.01	0.190	0.215
	FR1 n70	15M	BPSK	36	22	Left Cheek	0mm	Ant 2	ECI 3	340500	1702.5	24.14	24.80	1.164	0.14	0.182	0.212
	FR1 n70	15M	BPSK	1	77	Left Tilted	0mm	Ant 2	ECI 3	340500	1702.5	24.26	24.80	1.132	-0.02	0.192	0.217
	FR1 n70	15M	BPSK	36	22	Left Tilted	0mm	Ant 2	ECI 3	340500	1702.5	24.14	24.80	1.164	-0.03	0.181	0.211
	FR1 n70	15M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 2	340500	1702.5	24.25	24.60	1.084	0.02	0.004	0.004
	FR1 n70	15M	BPSK	36	22	Right Cheek	0mm	Ant 0	ECI 2	340500	1702.5	24.11	24.60	1.119	0.17	0.002	0.002
	FR1 n70	15M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 2	340500	1702.5	24.25	24.60	1.084	-0.05	0.006	0.007
	FR1 n70	15M	BPSK	36	22	Right Tilted	0mm	Ant 0	ECI 2	340500	1702.5	24.11	24.60	1.119	0.08	0.005	0.006
	FR1 n70	15M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 2	340500	1702.5	24.25	24.60	1.084	-0.03	0.012	0.013
	FR1 n70	15M	BPSK	36	22	Left Cheek	0mm	Ant 0	ECI 2	340500	1702.5	24.11	24.60	1.119	-0.06	0.010	0.011
	FR1 n70	15M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 2	340500	1702.5	24.25	24.60	1.084	-0.08	0.002	0.002
	FR1 n70	15M	BPSK	36	22	Left Tilted	0mm	Ant 0	ECI 2	340500	1702.5	24.11	24.60	1.119	0.00	0.001	0.001



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	FR1 n70	15M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 3	340500	1702.5	24.25	24.60	1.084	0.02	0.004	0.004
	FR1 n70	15M	BPSK	36	22	Right Cheek	0mm	Ant 0	ECI 3	340500	1702.5	24.11	24.60	1.119	0.17	0.002	0.002
	FR1 n70	15M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 3	340500	1702.5	24.25	24.60	1.084	-0.05	0.006	0.007
	FR1 n70	15M	BPSK	36	22	Right Tilted	0mm	Ant 0	ECI 3	340500	1702.5	24.11	24.60	1.119	0.08	0.005	0.006
	FR1 n70	15M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 3	340500	1702.5	24.25	24.60	1.084	-0.03	0.012	0.013
	FR1 n70	15M	BPSK	36	22	Left Cheek	0mm	Ant 0	ECI 3	340500	1702.5	24.11	24.60	1.119	-0.06	0.010	0.011
	FR1 n70	15M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 3	340500	1702.5	24.25	24.60	1.084	-0.08	0.002	0.002
	FR1 n70	15M	BPSK	36	22	Left Tilted	0mm	Ant 0	ECI 3	340500	1702.5	24.11	24.60	1.119	0.00	0.001	0.001
25	FR1 n70	15M	BPSK	1	77	Right Cheek	0mm	Ant 1	ECI 2	340500	1702.5	20.83	21.60	1.194	-0.09	0.819	0.978
	FR1 n70	15M	BPSK	36	0	Right Cheek	0mm	Ant 1	ECI 2	340500	1702.5	20.72	21.60	1.225	-0.07	0.755	0.925
	FR1 n70	15M	BPSK	75	0	Right Cheek	0mm	Ant 1	ECI 2	340500	1702.5	20.74	21.60	1.219	-0.03	0.791	0.964
	FR1 n70	15M	BPSK	1	77	Right Tilted	0mm	Ant 1	ECI 2	340500	1702.5	20.83	21.60	1.194	0.13	0.546	0.652
	FR1 n70	15M	BPSK	36	0	Right Tilted	0mm	Ant 1	ECI 2	340500	1702.5	20.72	21.60	1.225	-0.04	0.489	0.599
	FR1 n70	15M	BPSK	1	77	Left Cheek	0mm	Ant 1	ECI 2	340500	1702.5	20.83	21.60	1.194	-0.16	0.522	0.623
	FR1 n70	15M	BPSK	36	0	Left Cheek	0mm	Ant 1	ECI 2	340500	1702.5	20.72	21.60	1.225	-0.12	0.477	0.584
	FR1 n70	15M	BPSK	1	77	Left Tilted	0mm	Ant 1	ECI 2	340500	1702.5	20.83	21.60	1.194	0.14	0.326	0.389
	FR1 n70	15M	BPSK	36	0	Left Tilted	0mm	Ant 1	ECI 2	340500	1702.5	20.72	21.60	1.225	-0.12	0.293	0.359
	FR1 n70	15M	BPSK	1	77	Right Cheek	0mm	Ant 1	ECI 3	340500	1702.5	20.83	20.90	1.016	-0.09	0.819	0.832
	FR1 n70	15M	BPSK	36	0	Right Cheek	0mm	Ant 1	ECI 3	340500	1702.5	20.72	20.90	1.042	-0.07	0.755	0.787
	FR1 n70	15M	BPSK	75	0	Right Cheek	0mm	Ant 1	ECI 3	340500	1702.5	20.74	20.90	1.038	-0.03	0.791	0.821
	FR1 n70	15M	BPSK	1	77	Right Tilted	0mm	Ant 1	ECI 3	340500	1702.5	20.83	20.90	1.016	0.13	0.546	0.555
	FR1 n70	15M	BPSK	36	0	Right Tilted	0mm	Ant 1	ECI 3	340500	1702.5	20.72	20.90	1.042	-0.04	0.489	0.510
	FR1 n70	15M	BPSK	1	77	Left Cheek	0mm	Ant 1	ECI 3	340500	1702.5	20.83	20.90	1.016	-0.16	0.522	0.530
	FR1 n70	15M	BPSK	36	0	Left Cheek	0mm	Ant 1	ECI 3	340500	1702.5	20.72	20.90	1.042	-0.12	0.477	0.497
	FR1 n70	15M	BPSK	1	77	Left Tilted	0mm	Ant 1	ECI 3	340500	1702.5	20.83	20.90	1.016	0.14	0.326	0.331
	FR1 n70	15M	BPSK	36	0	Left Tilted	0mm	Ant 1	ECI 3	340500	1702.5	20.72	20.90	1.042	-0.12	0.293	0.305
	FR1 n70	15M	BPSK	1	40	Right Cheek	0mm	Ant 5	ECI 2	340500	1702.5	17.30	19.20	1.549	-0.13	0.379	0.587
	FR1 n70	15M	BPSK	36	0	Right Cheek	0mm	Ant 5	ECI 2	340500	1702.5	17.29	19.20	1.552	0.01	0.426	0.661
	FR1 n70	15M	BPSK	1	40	Right Tilted	0mm	Ant 5	ECI 2	340500	1702.5	17.30	19.20	1.549	-0.19	0.072	0.112
	FR1 n70	15M	BPSK	36	0	Right Tilted	0mm	Ant 5	ECI 2	340500	1702.5	17.29	19.20	1.552	0.06	0.074	0.115
	FR1 n70	15M	BPSK	1	40	Left Cheek	0mm	Ant 5	ECI 2	340500	1702.5	17.30	19.20	1.549	-0.15	0.565	0.875
	FR1 n70	15M	BPSK	36	0	Left Cheek	0mm	Ant 5	ECI 2	340500	1702.5	17.29	19.20	1.552	0.00	0.587	0.911
	FR1 n70	15M	BPSK	75	0	Left Cheek	0mm	Ant 5	ECI 2	340500	1702.5	17.33	19.20	1.538	0.02	0.573	0.881
	FR1 n70	15M	BPSK	1	40	Left Tilted	0mm	Ant 5	ECI 2	340500	1702.5	17.30	19.20	1.549	-0.13	0.128	0.198
	FR1 n70	15M	BPSK	36	0	Left Tilted	0mm	Ant 5	ECI 2	340500	1702.5	17.29	19.20	1.552	-0.09	0.131	0.203
	FR1 n70	15M	BPSK	1	40	Right Cheek	0mm	Ant 5	ECI 3	340500	1702.5	17.30	17.60	1.072	0.09	0.379	0.406
	FR1 n70	15M	BPSK	36	0	Right Cheek	0mm	Ant 5	ECI 3	340500	1702.5	17.29	17.60	1.074	-0.04	0.426	0.458
	FR1 n70	15M	BPSK	1	40	Right Tilted	0mm	Ant 5	ECI 3	340500	1702.5	17.30	17.60	1.072	-0.00	0.072	0.077
	FR1 n70	15M	BPSK	36	0	Right Tilted	0mm	Ant 5	ECI 3	340500	1702.5	17.29	17.60	1.074	-0.13	0.074	0.079
	FR1 n70	15M	BPSK	1	40	Left Cheek	0mm	Ant 5	ECI 3	340500	1702.5	17.30	17.60	1.072	-0.09	0.565	0.606
	FR1 n70	15M	BPSK	36	0	Left Cheek	0mm	Ant 5	ECI 3	340500	1702.5	17.29	17.60	1.074	0.00	0.587	0.630
	FR1 n70	15M	BPSK	1	40	Left Tilted	0mm	Ant 5	ECI 3	340500	1702.5	17.30	17.60	1.072	-0.10	0.128	0.137
	FR1 n70	15M	BPSK	36	0	Left Tilted	0mm	Ant 5	ECI 3	340500	1702.5	17.29	17.60	1.074	0.11	0.131	0.141
	FR1 n71	35M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 2	136100	680.5	24.66	25.00	1.081	0.12	0.180	0.195
	FR1 n71	35M	BPSK	90	45	Right Cheek	0mm	Ant 0	ECI 2	136100	680.5	24.68	25.00	1.076	-0.02	0.191	0.206
	FR1 n71	35M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 2	136100	680.5	24.66	25.00	1.081	0.04	0.108	0.117
	FR1 n71	35M	BPSK	90	45	Right Tilted	0mm	Ant 0	ECI 2	136100	680.5	24.68	25.00	1.076	-0.03	0.133	0.143
	FR1 n71	35M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 2	136100	680.5	24.66	25.00	1.081	0.15	0.234	0.253
	FR1 n71	35M	BPSK	90	45	Left Cheek	0mm	Ant 0	ECI 2	136100	680.5	24.68	25.00	1.076	0.12	0.257	0.277
	FR1 n71	35M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 2	136100	680.5	24.66	25.00	1.081	0.13	0.120	0.130
	FR1 n71	35M	BPSK	90	45	Left Tilted	0mm	Ant 0	ECI 2	136100	680.5	24.68	25.00	1.076	0.02	0.143	0.154
	FR1 n71	35M	BPSK	1	1	Right Cheek	0mm	Ant 0	ECI 3	136100	680.5	24.66	25.00	1.081	0.12	0.180	0.195
	FR1 n71	35M	BPSK	90	45	Right Cheek	0mm	Ant 0	ECI 3	136100	680.5	24.68	25.00	1.076	-0.02	0.191	0.206
	FR1 n71	35M	BPSK	1	1	Right Tilted	0mm	Ant 0	ECI 3	136100	680.5	24.66	25.00	1.081	0.04	0.108	0.117
	FR1 n71	35M	BPSK	90	45	Right Tilted	0mm	Ant 0	ECI 3	136100	680.5	24.68	25.00	1.076	-0.03	0.133	0.143
	FR1 n71	35M	BPSK	1	1	Left Cheek	0mm	Ant 0	ECI 3	136100	680.5	24.66	25.00	1.081	0.15	0.234	0.253
	FR1 n71	35M	BPSK	90	45	Left Cheek	0mm	Ant 0	ECI 3	136100	680.5	24.68	25.00	1.076	0.12	0.257	0.277
	FR1 n71	35M	BPSK	1	1	Left Tilted	0mm	Ant 0	ECI 3	136100	680.5	24.66	25.00	1.081	0.13	0.120	0.130
	FR1 n71	35M	BPSK	90	45	Left Tilted	0mm	Ant 0	ECI 3	136100	680.5	24.68	25.00	1.076	0.02	0.143	0.154
26	FR1 n71	35M	BPSK	1	186	Right Cheek	0mm	Ant 1	ECI 2	136100	680.5	24.05	24.80	1.189	-0.00	0.766	0.911
	FR1 n71	35M	BPSK	90	45	Right Cheek	0mm	Ant 1	ECI 2	136100	680.5	24.02	24.80	1.197	-0.08	0.607	0.727
	FR1 n71	35M	BPSK	180	0	Right Cheek	0mm	Ant 1	ECI 2	136100	680.5	23.86	24.30	1.107	0.08	0.741	0.820
	FR1 n71	35M	BPSK	1	186	Right Tilted	0mm	Ant 1	ECI 2	136100	680.5	24.05	24.80	1.189	-0.00	0.740	0.880
	FR1 n71	35M	BPSK	90	45	Right Tilted	0mm	Ant 1	ECI 2	136100	680.5	24.02	24.80	1.197	0.11	0.568	0.680
	FR1 n71	35M	BPSK	180	0	Right Tilted	0mm	Ant 1	ECI 2	136100	680.5	23.86	24.30	1.107	-0.14	0.741	0.820
	FR1 n71	35M	BPSK	1	186	Left Cheek	0mm	Ant 1	ECI 2	136100	680.5	24.05	24.80	1.189	0.19	0.490	0.583
	FR1 n71	35M	BPSK	90	45	Left Cheek	0mm	Ant 1	ECI 2	136100	680.5	24.02	24.80	1.197	0.03	0.472	0.565
	FR1 n71	35M	BPSK	1	186	Left Tilted	0mm	Ant 1	ECI 2	136100	680.5	24.05	24.80	1.189	-0.09	0.520	0.618
	FR1 n71	35M	BPSK	90	45	Left Tilted	0mm	Ant 1	ECI 2	136100	680.5	24.02	24.80	1.197	0.09	0.509	0.609
	FR1 n71	35M	BPSK	1	186	Right Cheek	0mm	Ant 1	ECI 3	136100	680.5	24.05	24.40	1.084	-0.00	0.766	0.830
	FR1 n71	35M	BPSK	90	45	Right Cheek	0mm	Ant 1	ECI 3	136100	680.5	24.02	24.40	1.091	-0.08	0.607	0.662
	FR1 n71	35M	BPSK	180	0	Right Cheek	0mm	Ant 1	ECI 3	136100	680.5	23.86	24.30	1.107	0.08	0.741	0.820
	FR1 n71	35M	BPSK	1	186	Right Tilted	0mm	Ant 1	ECI 3	136100	680.5	24.05	24.40	1.084	-0.00	0.740	0.802



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	FR1 n71	35M	BPSK	90	45	Right Tilted	0mm	Ant 1	ECI 3	136100	680.5	24.02	24.40	1.091	0.11	0.568	0.620
	FR1 n71	35M	BPSK	180	0	Right Tilted	0mm	Ant 1	ECI 3	136100	680.5	23.86	24.30	1.107	-0.14	0.741	0.820
	FR1 n71	35M	BPSK	1	186	Left Cheek	0mm	Ant 1	ECI 3	136100	680.5	24.05	24.40	1.084	0.19	0.490	0.531
	FR1 n71	35M	BPSK	90	45	Left Cheek	0mm	Ant 1	ECI 3	136100	680.5	24.02	24.40	1.091	0.03	0.472	0.515
	FR1 n71	35M	BPSK	1	186	Left Tilted	0mm	Ant 1	ECI 3	136100	680.5	24.05	24.40	1.084	-0.09	0.520	0.564
	FR1 n71	35M	BPSK	90	45	Left Tilted	0mm	Ant 1	ECI 3	136100	680.5	24.02	24.40	1.091	0.09	0.509	0.555
	FR1 n41	100M	BPSK	1	137	Right Cheek	0mm	Ant 2	ECI 2	518598	2592.99	23.13	23.80	1.167	-0.03	0.682	0.796
	FR1 n41	100M	BPSK	135	69	Right Cheek	0mm	Ant 2	ECI 2	518598	2592.99	23.03	23.80	1.194	-0.14	0.660	0.788
	FR1 n41	100M	BPSK	1	137	Right Tilted	0mm	Ant 2	ECI 2	518598	2592.99	23.13	23.80	1.167	0.06	0.193	0.225
	FR1 n41	100M	BPSK	135	69	Right Tilted	0mm	Ant 2	ECI 2	518598	2592.99	23.03	23.80	1.194	-0.02	0.178	0.213
	FR1 n41	100M	BPSK	1	137	Left Cheek	0mm	Ant 2	ECI 2	518598	2592.99	23.13	23.80	1.167	0.02	0.346	0.404
	FR1 n41	100M	BPSK	135	69	Left Cheek	0mm	Ant 2	ECI 2	518598	2592.99	23.03	23.80	1.194	-0.08	0.294	0.351
	FR1 n41	100M	BPSK	1	137	Left Tilted	0mm	Ant 2	ECI 2	518598	2592.99	23.13	23.80	1.167	-0.01	0.247	0.288
	FR1 n41	100M	BPSK	135	69	Left Tilted	0mm	Ant 2	ECI 2	518598	2592.99	23.03	23.80	1.194	-0.06	0.213	0.254
	FR1 n41_HPUE	100M	BPSK	1	1	Right Cheek	0mm	Ant 2	ECI 2	518598	2592.99	26.00	26.80	1.202	-0.02	0.561	0.793
	FR1 n41B	50M	QPSK	64	69	Right Cheek	0mm	Ant 2	ECI 2	518598+528594	2592.99	21.83	22.5	1.167	0.08	0.541	0.631
	FR1 n41C	90M	QPSK	108	137	Right Cheek	0mm	Ant 2	ECI 2	518598+537582	2592.99	21.24	22.5	1.337	0.01	0.485	0.648
	FR1 n41	100M	BPSK	1	137	Right Cheek	0mm	Ant 2	ECI 3	518598	2592.99	23.13	23.40	1.064	-0.03	0.682	0.726
	FR1 n41	100M	BPSK	135	69	Right Cheek	0mm	Ant 2	ECI 3	518598	2592.99	23.03	23.40	1.089	-0.14	0.660	0.719
	FR1 n41	100M	BPSK	1	137	Right Tilted	0mm	Ant 2	ECI 3	518598	2592.99	23.13	23.40	1.064	0.06	0.193	0.205
	FR1 n41	100M	BPSK	135	69	Right Tilted	0mm	Ant 2	ECI 3	518598	2592.99	23.03	23.40	1.089	-0.02	0.178	0.194
	FR1 n41	100M	BPSK	1	137	Left Cheek	0mm	Ant 2	ECI 3	518598	2592.99	23.13	23.40	1.064	0.02	0.346	0.368
	FR1 n41	100M	BPSK	135	69	Left Cheek	0mm	Ant 2	ECI 3	518598	2592.99	23.03	23.40	1.089	-0.08	0.294	0.320
	FR1 n41	100M	BPSK	1	137	Left Tilted	0mm	Ant 2	ECI 3	518598	2592.99	23.13	23.40	1.064	-0.01	0.247	0.263
	FR1 n41	100M	BPSK	135	69	Left Tilted	0mm	Ant 2	ECI 3	518598	2592.99	23.03	23.40	1.089	-0.06	0.213	0.232
	FR1 n41_HPUE	100M	BPSK	1	1	Right Cheek	0mm	Ant 2	ECI 3	518598	2592.99	26.00	26.40	1.096	-0.02	0.561	0.723
	FR1 n41B	50M	QPSK	64	69	Right Cheek	0mm	Ant 2	ECI 3	518598+528594	2592.99	21.83	22.5	1.167	0.08	0.541	0.631
	FR1 n41C	90M	QPSK	108	137	Right Cheek	0mm	Ant 2	ECI 3	518598+537582	2592.99	21.24	22.5	1.337	0.01	0.485	0.648
	FR1 n41	100M	QPSK	1	1	Right Cheek	0mm	Ant 0	ECI 2	518598	2592.99	24.15	25.00	1.216	0.08	0.068	0.083
	FR1 n41	100M	QPSK	135	69	Right Cheek	0mm	Ant 0	ECI 2	518598	2592.99	24.04	25.00	1.247	0.01	0.081	0.101
	FR1 n41	100M	QPSK	1	1	Right Tilted	0mm	Ant 0	ECI 2	518598	2592.99	24.15	25.00	1.216	-0.17	0.039	0.047
	FR1 n41	100M	QPSK	135	69	Right Tilted	0mm	Ant 0	ECI 2	518598	2592.99	24.04	25.00	1.247	0.14	0.042	0.052
	FR1 n41	100M	QPSK	1	1	Left Cheek	0mm	Ant 0	ECI 2	518598	2592.99	24.15	25.00	1.216	-0.05	0.136	0.165
	FR1 n41	100M	QPSK	135	69	Left Cheek	0mm	Ant 0	ECI 2	518598	2592.99	24.04	25.00	1.247	-0.05	0.153	0.191
	FR1 n41	100M	QPSK	1	1	Left Tilted	0mm	Ant 0	ECI 2	518598	2592.99	24.15	25.00	1.216	-0.14	0.018	0.022
	FR1 n41	100M	QPSK	135	69	Left Tilted	0mm	Ant 0	ECI 2	518598	2592.99	24.04	25.00	1.247	0.09	0.036	0.045
	FR1 n41_HPUE	100M	BPSK	135	69	Left Cheek	0mm	Ant 0	ECI 2	518598	2592.99	25.90	26.90	1.259	0.13	0.102	0.151
	FR1 n41B	50M	QPSK	64	69	Left Cheek	0mm	Ant 0	ECI 2	518598+528594	2592.99	21.94	22.5	1.138	0.03	0.101	0.115
	FR1 n41C	90M	QPSK	108	137	Left Cheek	0mm	Ant 0	ECI 2	518598+537582	2592.99	21.34	22.5	1.306	-0.08	0.103	0.135
	FR1 n41	100M	QPSK	1	1	Right Cheek	0mm	Ant 0	ECI 3	518598	2592.99	24.15	25.00	1.216	0.08	0.068	0.083
	FR1 n41	100M	QPSK	135	69	Right Cheek	0mm	Ant 0	ECI 3	518598	2592.99	24.04	25.00	1.247	0.01	0.081	0.101
	FR1 n41	100M	QPSK	1	1	Right Tilted	0mm	Ant 0	ECI 3	518598	2592.99	24.15	25.00	1.216	-0.17	0.039	0.047
	FR1 n41	100M	QPSK	135	69	Right Tilted	0mm	Ant 0	ECI 3	518598	2592.99	24.04	25.00	1.247	0.14	0.042	0.052
	FR1 n41	100M	QPSK	1	1	Left Cheek	0mm	Ant 0	ECI 3	518598	2592.99	24.15	25.00	1.216	-0.05	0.136	0.165
	FR1 n41	100M	QPSK	135	69	Left Cheek	0mm	Ant 0	ECI 3	518598	2592.99	24.04	25.00	1.247	-0.05	0.153	0.191
	FR1 n41	100M	QPSK	1	1	Left Tilted	0mm	Ant 0	ECI 3	518598	2592.99	24.15	25.00	1.216	-0.14	0.018	0.022
	FR1 n41	100M	QPSK	135	69	Left Tilted	0mm	Ant 0	ECI 3	518598	2592.99	24.04	25.00	1.247	0.09	0.036	0.045
	FR1 n41_HPUE	100M	BPSK	135	69	Left Cheek	0mm	Ant 0	ECI 3	518598	2592.99	25.90	26.90	1.259	0.13	0.102	0.151
	FR1 n41B	50M	QPSK	64	69	Left Cheek	0mm	Ant 0	ECI 3	518598+528594	2592.99	21.94	22.5	1.138	0.03	0.101	0.115
	FR1 n41C	90M	QPSK	108	137	Left Cheek	0mm	Ant 0	ECI 3	518598+537582	2592.99	21.34	22.5	1.306	-0.08	0.103	0.135
	FR1 n41	100M	BPSK	1	271	Right Cheek	0mm	Ant 1	ECI 2	518598	2592.99	17.30	18.50	1.318	-0.05	0.320	0.422
	FR1 n41	100M	BPSK	135	0	Right Cheek	0mm	Ant 1	ECI 2	518598	2592.99	17.27	18.50	1.327	-0.06	0.480	0.637
	FR1 n41	100M	BPSK	1	271	Right Tilted	0mm	Ant 1	ECI 2	518598	2592.99	17.30	18.50	1.318	0.12	0.353	0.465
27	FR1 n41	100M	BPSK	135	0	Right Tilted	0mm	Ant 1	ECI 2	518598	2592.99	17.27	18.50	1.327	0.01	0.605	0.803
	FR1 n41	100M	BPSK	270	0	Right Tilted	0mm	Ant 1	ECI 2	518598	2592.99	17.15	18.50	1.365	-0.16	0.520	0.710
	FR1 n41	100M	BPSK	1	271	Left Cheek	0mm	Ant 1	ECI 2	518598	2592.99	17.30	18.50	1.318	-0.02	0.291	0.384
	FR1 n41	100M	BPSK	135	0	Left Cheek	0mm	Ant 1	ECI 2	518598	2592.99	17.27	18.50	1.327	-0.11	0.459	0.609
	FR1 n41	100M	BPSK	1	271	Left Tilted	0mm	Ant 1	ECI 2	518598	2592.99	17.30	18.50	1.318	0.12	0.326	0.430
	FR1 n41	100M	BPSK	135	0	Left Tilted	0mm	Ant 1	ECI 2	518598	2592.99	17.27	18.50	1.327	0.01	0.547	0.726
	FR1 n41_HPUE	100M	BPSK	135	0	Right Tilted	0mm	Ant 1	ECI 2	518598	2592.99	20.24	21.50	1.337	0.12	0.459	0.722
	FR1 n41B	50M	BPSK	64	69	Right Tilted	0mm	Ant 1	ECI 2	518598+528594	2592.99	16.77	18.5	1.489	-0.08	0.519	0.773
	FR1 n41C	90M	BPSK	108	137	Right Tilted	0mm	Ant 1	ECI 2	518598+537582	2592.99	16.78	18.5	1.486	0.1	0.496	0.737
	FR1 n41	100M	BPSK	1	271	Right Cheek	0mm	Ant 1	ECI 3	518598	2592.99	17.30	17.80	1.122	-0.05	0.320	0.359
	FR1 n41	100M	BPSK	135	0	Right Cheek	0mm	Ant 1	ECI 3	518598	2592.99	17.27	17.80	1.13	-0.06	0.480	0.542
	FR1 n41	100M	BPSK	1	271	Right Tilted	0mm	Ant 1	ECI 3	518598	2592.99	17.30	17.80	1.122	0.12	0.353	0.396
	FR1 n41	100M	BPSK	135	0	Right Tilted	0mm	Ant 1	ECI 3	518598	2592.99	17.27	17.80	1.13	0.01	0.605	0.684
	FR1 n41	100M	BPSK	1	271	Left Cheek	0mm	Ant 1	ECI 3	518598	2592.99	17.30	17.80	1.122	-0.02	0.291	0.327
	FR1 n41	100M	BPSK	135	0	Left Cheek	0mm	Ant 1	ECI 3	518598	2592.99	17.27	17.80	1.13	-0.11	0.459	0.519
	FR1 n41	100M	BPSK	1	271	Left Tilted	0mm	Ant 1	ECI 3	518598	2592.99	17.30	17.80	1.122	0.12	0.326	0.366
	FR1 n41	100M	BPSK	135	0	Left Tilted	0mm	Ant 1	ECI 3	518598	2592.99	17.27	17.80	1.13	0.01	0.547	0.618
	FR1 n41_HPUE	100M	BPSK	135	0	Right Tilted	0mm	Ant 1	ECI 3	518598	2592.99	20.24	20.80	1.138	0.12	0.459	0.614
	FR1 n41B	50M	BPSK	64	69	Right Tilted	0mm	Ant 1	ECI 3	518598+528594	2592.99	16.77	17.8	1.268	-0.08	0.519	0.658
	FR1 n41C	90M	BPSK	108	137	Right Tilted	0mm	Ant 1	ECI 3	518598+537582	2592.99	16.78	17.8	1.265	0.1	0.496	0.627



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	FR1 n41	100M	BPSK	1	271	Right Cheek	0mm	Ant 5	ECI 2	518598	2592.99	15.52	16.30	1.197	0.16	0.263	0.315
	FR1 n41	100M	BPSK	135	0	Right Cheek	0mm	Ant 5	ECI 2	518598	2592.99	15.41	16.30	1.227	0.10	0.231	0.283
	FR1 n41	100M	BPSK	1	271	Right Tilted	0mm	Ant 5	ECI 2	518598	2592.99	15.52	16.30	1.197	-0.15	0.086	0.103
	FR1 n41	100M	BPSK	135	0	Right Tilted	0mm	Ant 5	ECI 2	518598	2592.99	15.41	16.30	1.227	-0.10	0.109	0.134
	FR1 n41	100M	BPSK	1	271	Left Cheek	0mm	Ant 5	ECI 2	518598	2592.99	15.52	16.30	1.197	-0.04	0.599	0.717
	FR1 n41	100M	BPSK	135	0	Left Cheek	0mm	Ant 5	ECI 2	518598	2592.99	15.41	16.30	1.227	-0.10	0.469	0.575
	FR1 n41	100M	BPSK	1	271	Left Tilted	0mm	Ant 5	ECI 2	518598	2592.99	15.52	16.30	1.197	0.09	0.200	0.239
	FR1 n41	100M	BPSK	135	0	Left Tilted	0mm	Ant 5	ECI 2	518598	2592.99	15.41	16.30	1.227	-0.09	0.174	0.213
	FR1 n41_HPUE	100M	BPSK	1	137	Left Cheek	0mm	Ant 5	ECI 2	518598	2592.99	18.53	19.30	1.194	0.06	0.481	0.675
	FR1 n41B	50M	BPSK	64	69	Left Cheek	0mm	Ant 5	ECI 2	518598+528594	2592.99	15.65	16.30	1.161	-0.18	0.551	0.640
	FR1 n41C	90M	BPSK	108	137	Left Cheek	0mm	Ant 5	ECI 2	518598+537582	2592.99	15.65	16.30	1.161	0.1	0.557	0.647
	FR1 n41	100M	BPSK	1	271	Right Cheek	0mm	Ant 5	ECI 3	518598	2592.99	15.52	16.30	1.197	0.16	0.263	0.315
	FR1 n41	100M	BPSK	135	0	Right Cheek	0mm	Ant 5	ECI 3	518598	2592.99	15.41	16.30	1.227	0.10	0.231	0.283
	FR1 n41	100M	BPSK	1	271	Right Tilted	0mm	Ant 5	ECI 3	518598	2592.99	15.52	16.30	1.197	-0.15	0.086	0.103
	FR1 n41	100M	BPSK	135	0	Right Tilted	0mm	Ant 5	ECI 3	518598	2592.99	15.41	16.30	1.227	-0.10	0.109	0.134
	FR1 n41	100M	BPSK	1	271	Left Cheek	0mm	Ant 5	ECI 3	518598	2592.99	15.52	16.30	1.197	-0.04	0.599	0.717
	FR1 n41	100M	BPSK	135	0	Left Cheek	0mm	Ant 5	ECI 3	518598	2592.99	15.41	16.30	1.227	-0.10	0.469	0.575
	FR1 n41	100M	BPSK	1	271	Left Tilted	0mm	Ant 5	ECI 3	518598	2592.99	15.52	16.30	1.197	0.18	0.531	0.636
	FR1 n41	100M	BPSK	135	0	Left Tilted	0mm	Ant 5	ECI 3	518598	2592.99	15.41	16.30	1.227	0.09	0.200	0.245
	FR1 n41_HPUE	100M	BPSK	1	137	Left Cheek	0mm	Ant 5	ECI 3	518598	2592.99	18.53	19.30	1.194	0.06	0.481	0.675
	FR1 n41B	50M	BPSK	64	69	Left Cheek	0mm	Ant 5	ECI 3	518598+528594	2592.99	15.65	16.3	1.161	-0.18	0.551	0.640
	FR1 n41C	90M	BPSK	108	137	Left Cheek	0mm	Ant 5	ECI 3	518598+537582	2592.99	15.65	16.3	1.161	0.1	0.557	0.647
	FR1 n48	40M	BPSK	1	105	Right Cheek	0mm	Ant 6	ECI 2	641666	3624.99	19.09	19.50	1.099	-0.08	0.065	0.071
	FR1 n48	20M	BPSK	1	1	Right Cheek	0mm	Ant 6	ECI 2	641666	3624.99	23.26	24.20	1.242	0.1	0.171	0.212
	FR1 n48	40M	BPSK	50	25	Right Cheek	0mm	Ant 6	ECI 2	641666	3624.99	22.90	23.00	1.023	-0.18	0.163	0.167
	FR1 n48	40M	BPSK	1	105	Right Tilted	0mm	Ant 6	ECI 2	641666	3624.99	19.09	19.50	1.099	0.1	0.090	0.099
	FR1 n48	20M	BPSK	1	1	Right Tilted	0mm	Ant 6	ECI 2	641666	3624.99	23.26	24.20	1.242	0.12	0.235	0.292
	FR1 n48	40M	BPSK	50	25	Right Tilted	0mm	Ant 6	ECI 2	641666	3624.99	22.90	23.00	1.023	0.08	0.227	0.232
	FR1 n48	40M	BPSK	1	105	Left Cheek	0mm	Ant 6	ECI 2	641666	3624.99	19.09	19.50	1.099	-0.17	0.145	0.159
	FR1 n48	20M	BPSK	1	1	Left Cheek	0mm	Ant 6	ECI 2	641666	3624.99	23.26	24.20	1.242	-0.03	0.378	0.469
	FR1 n48	40M	BPSK	50	25	Left Cheek	0mm	Ant 6	ECI 2	641666	3624.99	22.90	23.00	1.023	0.08	0.362	0.370
	FR1 n48	40M	BPSK	1	105	Left Tilted	0mm	Ant 6	ECI 2	641666	3624.99	19.09	19.50	1.099	0.01	0.063	0.069
	FR1 n48	20M	BPSK	1	1	Left Tilted	0mm	Ant 6	ECI 2	641666	3624.99	23.26	24.20	1.242	0.03	0.165	0.205
	FR1 n48	40M	BPSK	50	25	Left Tilted	0mm	Ant 6	ECI 2	641666	3624.99	22.90	23.00	1.023	-0.08	0.153	0.157
	FR1 n48	40M	BPSK	1	105	Right Cheek	0mm	Ant 6	ECI 3	641666	3624.99	19.09	19.50	1.099	-0.08	0.065	0.071
	FR1 n48	20M	BPSK	1	1	Right Cheek	0mm	Ant 6	ECI 3	641666	3624.99	23.26	23.90	1.159	0.1	0.171	0.198
	FR1 n48	40M	BPSK	50	25	Right Cheek	0mm	Ant 6	ECI 3	641666	3624.99	22.90	23.00	1.023	-0.18	0.163	0.167
	FR1 n48	40M	BPSK	1	105	Right Tilted	0mm	Ant 6	ECI 3	641666	3624.99	19.09	19.50	1.099	0.1	0.090	0.099
	FR1 n48	20M	BPSK	1	1	Right Tilted	0mm	Ant 6	ECI 3	641666	3624.99	23.26	23.90	1.159	0.12	0.235	0.272
	FR1 n48	40M	BPSK	50	25	Right Tilted	0mm	Ant 6	ECI 3	641666	3624.99	22.90	23.00	1.023	0.08	0.227	0.232
	FR1 n48	40M	BPSK	1	105	Left Cheek	0mm	Ant 6	ECI 3	641666	3624.99	19.09	19.50	1.099	-0.17	0.145	0.159
	FR1 n48	20M	BPSK	1	1	Left Cheek	0mm	Ant 6	ECI 3	641666	3624.99	23.26	23.90	1.159	-0.03	0.378	0.438
	FR1 n48	40M	BPSK	50	25	Left Cheek	0mm	Ant 6	ECI 3	641666	3624.99	22.90	23.00	1.023	0.08	0.362	0.370
	FR1 n48	40M	BPSK	1	105	Left Tilted	0mm	Ant 6	ECI 3	641666	3624.99	19.09	19.50	1.099	0.01	0.063	0.069
	FR1 n48	20M	BPSK	1	1	Left Tilted	0mm	Ant 6	ECI 3	641666	3624.99	23.26	23.90	1.159	0.03	0.165	0.191
	FR1 n48	40M	BPSK	50	25	Left Tilted	0mm	Ant 6	ECI 3	641666	3624.99	22.90	23.00	1.023	-0.08	0.153	0.157
	FR1 n48	40M	BPSK	1	105	Right Cheek	0mm	Ant 7	ECI 2	641666	3624.99	17.09	17.50	1.099	-0.03	0.124	0.136
	FR1 n48	20M	BPSK	1	49	Right Cheek	0mm	Ant 7	ECI 2	641666	3624.99	21.06	22.70	1.459	0.1	0.309	0.451
	FR1 n48	40M	BPSK	50	25	Right Cheek	0mm	Ant 7	ECI 2	641666	3624.99	20.93	21.00	1.016	0.14	0.293	0.298
	FR1 n48	40M	BPSK	1	105	Right Tilted	0mm	Ant 7	ECI 2	641666	3624.99	17.09	17.50	1.099	0.11	0.044	0.048
	FR1 n48	20M	BPSK	1	49	Right Tilted	0mm	Ant 7	ECI 2	641666	3624.99	21.06	22.70	1.459	-0.05	0.124	0.181
	FR1 n48	40M	BPSK	50	25	Right Tilted	0mm	Ant 7	ECI 2	641666	3624.99	20.93	21.00	1.016	0.18	0.118	0.120
	FR1 n48	40M	BPSK	1	105	Left Cheek	0mm	Ant 7	ECI 2	641666	3624.99	17.09	17.50	1.099	0.14	0.106	0.116
	FR1 n48	20M	BPSK	1	49	Left Cheek	0mm	Ant 7	ECI 2	641666	3624.99	21.06	22.70	1.459	-0.17	0.178	0.260
	FR1 n48	40M	BPSK	50	25	Left Cheek	0mm	Ant 7	ECI 2	641666	3624.99	20.93	21.00	1.016	0.17	0.071	0.072
	FR1 n48	40M	BPSK	1	105	Left Tilted	0mm	Ant 7	ECI 2	641666	3624.99	17.09	17.50	1.099	-0.05	0.055	0.060
	FR1 n48	20M	BPSK	1	49	Left Tilted	0mm	Ant 7	ECI 2	641666	3624.99	21.06	22.70	1.459	0.01	0.154	0.225
	FR1 n48	40M	BPSK	50	25	Left Tilted	0mm	Ant 7	ECI 2	641666	3624.99	20.93	21.00	1.016	0.1	0.145	0.147
	FR1 n48	40M	BPSK	1	105	Right Cheek	0mm	Ant 7	ECI 3	641666	3624.99	17.09	17.50	1.099	-0.03	0.124	0.136
	FR1 n48	20M	BPSK	1	49	Right Cheek	0mm	Ant 7	ECI 3	641666	3624.99	21.06	22.70	1.459	0.1	0.309	0.451
	FR1 n48	40M	BPSK	50	25	Right Cheek	0mm	Ant 7	ECI 3	641666	3624.99	20.93	21.00	1.016	0.14	0.293	0.298
	FR1 n48	40M	BPSK	1	105	Right Tilted	0mm	Ant 7	ECI 3	641666	3624.99	17.09	17.50	1.099	0.11	0.044	0.048
	FR1 n48	20M	BPSK	1	49	Right Tilted	0mm	Ant 7	ECI 3	641666	3624.99	21.06	22.70	1.459	-0.05	0.124	0.181
	FR1 n48	40M	BPSK	50	25	Right Tilted	0mm	Ant 7	ECI 3	641666	3624.99	20.93	21.00	1.016	0.18	0.118	0.120
	FR1 n48	40M	BPSK	1	105	Left Cheek	0mm	Ant 7	ECI 3	641666	3624.99	17.09	17.50	1.099	0.14	0.106	0.116
	FR1 n48	20M	BPSK	1	49	Left Cheek	0mm	Ant 7	ECI 3	641666	3624.99	21.06	22.70	1.459	-0.17	0.178	0.260
	FR1 n48	40M	BPSK	50	25	Left Cheek	0mm	Ant 7	ECI 3	641666	3624.99	20.93	21.00	1.016	0.17	0.071	0.072
	FR1 n48	40M	BPSK	1	105	Left Tilted	0mm	Ant 7	ECI 3	641666	3624.99	17.09	17.50	1.099	-0.05	0.055	0.060
	FR1 n48	20M	BPSK	1	49	Left Tilted	0mm	Ant 7	ECI 3	641666	3624.99	21.06	22.70	1.459	0.01	0.154	0.225
	FR1 n48	40M	BPSK	50	25	Left Tilted	0mm	Ant 7	ECI 3	641666	3624.99	20.93	21.00	1.016	0.1	0.145	0.147
	FR1 n48	40M	BPSK	1	105	Right Cheek	0mm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	-0.17	0.520	0.726
	FR1 n48	40M	BPSK	50	25	Right Cheek	0mm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	0.04	0.517	0.722
	FR1 n48	40M	BPSK	100	0	Right Cheek	0mm	Ant 1	ECI 2	641666	3624.99	16.02	17.50	1.406	-0.01	0.476	0.669



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	FR1 n48	20M	BPSK	1	49	Right Cheek	Omm	Ant 1	ECI 2	637334	3560.01	16.05	17.50	1.396	-0.01	0.708	0.988
	FR1 n48	20M	BPSK	25	12	Right Cheek	Omm	Ant 1	ECI 2	637334	3560.01	16.01	17.50	1.409	-0.08	0.694	0.978
	FR1 n48	20M	BPSK	1	1	Right Cheek	Omm	Ant 1	ECI 2	646000	3690	16.03	17.50	1.403	0.05	0.415	0.582
	FR1 n48	30M	BPSK	36	18	Right Cheek	Omm	Ant 1	ECI 2	645666	3684.99	16.04	17.50	1.400	0.06	0.403	0.564
	FR1 n48	40M	BPSK	1	105	Right Tilted	Omm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	-0.09	0.436	0.609
	FR1 n48	40M	BPSK	50	25	Right Tilted	Omm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	-0.08	0.408	0.570
	FR1 n48	40M	BPSK	1	105	Left Cheek	Omm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	0.13	0.411	0.574
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	0.12	0.395	0.551
	FR1 n48	40M	BPSK	1	105	Left Tilted	Omm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	0.07	0.317	0.443
	FR1 n48	40M	BPSK	50	25	Left Tilted	Omm	Ant 1	ECI 2	641666	3624.99	16.05	17.50	1.396	0.18	0.297	0.415
	FR1 n48	40M	BPSK	1	105	Right Cheek	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	-0.17	0.520	0.618
	FR1 n48	40M	BPSK	50	25	Right Cheek	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	0.04	0.517	0.615
	FR1 n48	20M	BPSK	1	49	Right Cheek	Omm	Ant 1	ECI 3	637334	3560.01	16.05	16.80	1.189	-0.01	0.708	0.842
	FR1 n48	20M	BPSK	25	12	Right Cheek	Omm	Ant 1	ECI 3	637334	3560.01	16.01	16.80	1.199	-0.08	0.694	0.832
	FR1 n48	20M	BPSK	1	1	Right Cheek	Omm	Ant 1	ECI 3	646000	3690	16.03	16.80	1.194	0.05	0.415	0.496
	FR1 n48	30M	BPSK	36	18	Right Cheek	Omm	Ant 1	ECI 3	645666	3684.99	16.04	16.80	1.191	0.06	0.403	0.480
	FR1 n48	40M	BPSK	1	105	Right Tilted	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	-0.09	0.436	0.518
	FR1 n48	40M	BPSK	50	25	Right Tilted	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	-0.08	0.408	0.485
	FR1 n48	40M	BPSK	1	105	Left Cheek	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	0.13	0.411	0.489
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	0.12	0.395	0.470
	FR1 n48	40M	BPSK	1	105	Left Tilted	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	0.07	0.317	0.377
	FR1 n48	40M	BPSK	50	25	Left Tilted	Omm	Ant 1	ECI 3	641666	3624.99	16.05	16.80	1.189	0.18	0.297	0.353
	FR1 n48	40M	BPSK	1	0	Right Cheek	Omm	Ant 5	ECI 2	641666	3624.99	17.00	18.60	1.445	-0.1	0.247	0.357
	FR1 n48	40M	BPSK	50	25	Right Cheek	Omm	Ant 5	ECI 2	641666	3624.99	16.98	18.60	1.452	0.01	0.230	0.334
	FR1 n48	40M	BPSK	1	0	Right Tilted	Omm	Ant 5	ECI 2	641666	3624.99	17.00	18.60	1.445	-0.15	0.083	0.120
	FR1 n48	40M	BPSK	50	25	Right Tilted	Omm	Ant 5	ECI 2	641666	3624.99	16.98	18.60	1.452	0.19	0.074	0.107
28	FR1 n48	40M	BPSK	1	0	Left Cheek	Omm	Ant 5	ECI 2	641666	3624.99	17.00	18.60	1.445	0.04	0.687	0.993
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 5	ECI 2	641666	3624.99	16.98	18.60	1.452	0.07	0.679	0.986
	FR1 n48	40M	BPSK	100	0	Left Cheek	Omm	Ant 5	ECI 2	641666	3624.99	16.95	18.60	1.462	-0.18	0.678	0.991
	FR1 n48	40M	BPSK	1	104	Left Cheek	Omm	Ant 5	ECI 2	638000	3570	12.73	13.00	1.064	0.03	0.225	0.239
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 5	ECI 2	638000	3570	12.52	13.00	1.117	-0.15	0.210	0.235
	FR1 n48	20M	BPSK	1	49	Left Cheek	Omm	Ant 5	ECI 2	637334	3560.01	16.94	18.60	1.466	-0.15	0.594	0.871
	FR1 n48	20M	BPSK	25	12	Left Cheek	Omm	Ant 5	ECI 2	637334	3560.01	16.94	18.60	1.466	0.11	0.582	0.853
	FR1 n48	40M	BPSK	1	0	Left Cheek	Omm	Ant 5	ECI 2	645332	3679.98	12.74	13.00	1.062	-0.08	0.252	0.268
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 5	ECI 2	645332	3679.98	12.53	13.00	1.114	-0.17	0.238	0.265
	FR1 n48	20M	BPSK	1	1	Left Cheek	Omm	Ant 5	ECI 2	646000	3690	16.95	18.60	1.462	-0.08	0.663	0.969
	FR1 n48	30M	BPSK	36	18	Left Cheek	Omm	Ant 5	ECI 2	645666	3684.99	16.97	18.60	1.455	-0.04	0.661	0.962
	FR1 n48	40M	BPSK	1	0	Left Tilted	Omm	Ant 5	ECI 2	641666	3624.99	17.00	18.60	1.445	-0.08	0.195	0.282
	FR1 n48	40M	BPSK	50	25	Left Tilted	Omm	Ant 5	ECI 2	641666	3624.99	16.98	18.60	1.452	0.17	0.181	0.263
	FR1 n48	40M	BPSK	1	0	Right Cheek	Omm	Ant 5	ECI 3	641666	3624.99	17.00	17.20	1.047	-0.1	0.247	0.259
	FR1 n48	40M	BPSK	50	25	Right Cheek	Omm	Ant 5	ECI 3	641666	3624.99	16.98	17.20	1.052	0.01	0.230	0.242
	FR1 n48	40M	BPSK	1	0	Right Tilted	Omm	Ant 5	ECI 3	641666	3624.99	17.00	17.20	1.047	-0.15	0.083	0.087
	FR1 n48	40M	BPSK	50	25	Right Tilted	Omm	Ant 5	ECI 3	641666	3624.99	16.98	17.20	1.052	0.19	0.074	0.078
	FR1 n48	40M	BPSK	1	0	Left Cheek	Omm	Ant 5	ECI 3	641666	3624.99	17.00	17.20	1.047	0.04	0.687	0.719
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 5	ECI 3	641666	3624.99	16.98	17.20	1.052	0.07	0.679	0.714
	FR1 n48	40M	BPSK	100	0	Left Cheek	Omm	Ant 5	ECI 3	641666	3624.99	16.95	17.20	1.059	-0.18	0.678	0.718
	FR1 n48	40M	BPSK	1	104	Left Cheek	Omm	Ant 5	ECI 3	638000	3570	12.73	13.00	1.064	0.03	0.225	0.239
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 5	ECI 3	638000	3570	12.52	13.00	1.117	-0.15	0.210	0.235
	FR1 n48	20M	BPSK	1	49	Left Cheek	Omm	Ant 5	ECI 3	637334	3560.01	16.94	17.20	1.062	-0.15	0.594	0.631
	FR1 n48	20M	BPSK	25	12	Left Cheek	Omm	Ant 5	ECI 3	637334	3560.01	16.94	17.20	1.062	0.11	0.582	0.618
	FR1 n48	40M	BPSK	1	0	Left Cheek	Omm	Ant 5	ECI 3	645332	3679.98	12.74	13.00	1.062	-0.08	0.252	0.268
	FR1 n48	40M	BPSK	50	25	Left Cheek	Omm	Ant 5	ECI 3	645332	3679.98	12.53	13.00	1.114	-0.17	0.238	0.265
	FR1 n48	20M	BPSK	1	1	Left Cheek	Omm	Ant 5	ECI 3	646000	3690	16.95	17.20	1.059	-0.08	0.663	0.702
	FR1 n48	30M	BPSK	36	18	Left Cheek	Omm	Ant 5	ECI 3	645666	3684.99	16.97	17.20	1.054	-0.04	0.661	0.697
	FR1 n48	40M	BPSK	1	0	Left Tilted	Omm	Ant 5	ECI 3	641666	3624.99	17.00	17.20	1.047	-0.08	0.195	0.204
	FR1 n48	40M	BPSK	50	25	Left Tilted	Omm	Ant 5	ECI 3	641666	3624.99	16.98	17.20	1.052	0.17	0.181	0.190
	FR1 n77	100M	BPSK	1	137	Right Cheek	Omm	Ant 6	ECI 2	633332	3499.98	24.29	24.60	1.074	-0.13	0.386	0.415
	FR1 n77	100M	BPSK	135	69	Right Cheek	Omm	Ant 6	ECI 2	633332	3499.98	24.10	24.60	1.122	-0.07	0.393	0.441
	FR1 n77	100M	BPSK	1	137	Right Tilted	Omm	Ant 6	ECI 2	633332	3499.98	24.29	24.60	1.074	0.01	0.479	0.514
	FR1 n77	100M	BPSK	135	69	Right Tilted	Omm	Ant 6	ECI 2	633332	3499.98	24.10	24.60	1.122	-0.12	0.471	0.528
	FR1 n77	100M	BPSK	1	137	Left Cheek	Omm	Ant 6	ECI 2	633332	3499.98	24.29	24.60	1.074	-0.09	0.480	0.516
	FR1 n77	100M	BPSK	135	69	Left Cheek	Omm	Ant 6	ECI 2	633332	3499.98	24.10	24.60	1.122	0.02	0.482	0.541
	FR1 n77	100M	BPSK	1	137	Left Tilted	Omm	Ant 6	ECI 2	633332	3499.98	24.29	24.60	1.074	0.07	0.320	0.344
	FR1 n77	100M	BPSK	135	69	Left Tilted	Omm	Ant 6	ECI 2	633332	3499.98	24.10	24.60	1.122	-0.03	0.322	0.361
	FR1 n77_HPUE	100M	BPSK	135	69	Left Cheek	Omm	Ant 6	ECI 2	633332	3499.98	26.34	27.10	1.191	-0.01	0.371	0.520
	FR1 n77C	100M	QPSK	135	138	Left Cheek	Omm	Ant 6	ECI 2	633332+639996	3499.98	21.67	22.60	1.239	0.06	0.283	0.351
	FR1 n77	100M	BPSK	1	137	Right Cheek	Omm	Ant 6	ECI 3	633332	3499.98	20.92	22.00	1.282	-0.02	0.182	0.233
	FR1 n77	100M	BPSK	135	138	Right Cheek	Omm	Ant 6	ECI 3	633332	3499.98	20.85	22.00	1.303	-0.04	0.185	0.241
	FR1 n77	100M	BPSK	1	137	Right Tilted	Omm	Ant 6	ECI 3	633332	3499.98	20.92	22.00	1.282	-0.18	0.226	0.290
	FR1 n77	100M	BPSK	135	138	Right Tilted	Omm	Ant 6	ECI 3	633332	3499.98	20.85	22.00	1.303	-0.16	0.222	0.289
	FR1 n77	100M	BPSK	1	137	Left Cheek	Omm	Ant 6	ECI 3	633332	3499.98	20.92	22.00	1.282	0.15	0.267	0.342
	FR1 n77	100M	BPSK	135	138	Left Cheek	Omm	Ant 6	ECI 3	633332	3499.98	20.85	22.00	1.303	0.10	0.266	0.347
	FR1 n77	100M	BPSK	1	137	Left Tilted	Omm	Ant 6	ECI 3	633332	3499.98	20.92	22.00	1.282	0.08	0.151	0.194



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	FR1 n77	100M	BPSK	135	138	Left Tilted	0mm	Ant 6	ECI 3	633332	3499.98	20.85	22.00	1.303	0.16	0.152	0.198
	FR1 n77_HPUE	100M	BPSK	135	0	Left Cheek	0mm	Ant 6	ECI 3	633332	3499.98	23.95	25.00	1.274	-0.18	0.179	0.268
	FR1 n77C	100M	QPSK	135	138	Left Cheek	0mm	Ant 6	ECI 3	633332+639996	3499.98	21.67	22	1.079	0.06	0.283	0.305
	FR1 n77	100M	QPSK	1	137	Right Cheek	0mm	Ant 7	ECI 2	633332	3499.98	23.27	24.80	1.422	-0.19	0.400	0.569
	FR1 n77	100M	QPSK	135	69	Right Cheek	0mm	Ant 7	ECI 2	633332	3499.98	23.25	24.80	1.429	0.11	0.519	0.742
	FR1 n77	100M	QPSK	1	137	Right Tilted	0mm	Ant 7	ECI 2	633332	3499.98	23.27	24.80	1.422	-0.09	0.189	0.269
	FR1 n77	100M	QPSK	135	69	Right Tilted	0mm	Ant 7	ECI 2	633332	3499.98	23.25	24.80	1.429	-0.01	0.227	0.324
	FR1 n77	100M	BPSK	1	137	Left Cheek	0mm	Ant 7	ECI 2	633332	3499.98	23.27	24.80	1.422	-0.12	0.291	0.414
	FR1 n77	100M	QPSK	135	69	Left Cheek	0mm	Ant 7	ECI 2	633332	3499.98	23.25	24.80	1.429	-0.14	0.366	0.523
	FR1 n77	100M	QPSK	1	137	Left Tilted	0mm	Ant 7	ECI 2	633332	3499.98	23.27	24.80	1.422	0.09	0.326	0.464
	FR1 n77	100M	QPSK	135	69	Left Tilted	0mm	Ant 7	ECI 2	633332	3499.98	23.25	24.80	1.429	0.13	0.427	0.610
	FR1 n77_HPUE	100M	BPSK	135	69	Right Cheek	0mm	Ant 7	ECI 2	633332	3499.98	25.77	26.80	1.268	0.19	0.422	0.629
	FR1 n77C	100M	QPSK	135	138	Right Cheek	0mm	Ant 7	ECI 2	633332+639996	3499.98	21.07	22.3	1.327	0.03	0.291	0.386
	FR1 n77	100M	BPSK	1	137	Right Cheek	0mm	Ant 7	ECI 3	633332	3499.98	23.30	24.20	1.23	0.08	0.397	0.488
	FR1 n77	100M	BPSK	135	69	Right Cheek	0mm	Ant 7	ECI 3	633332	3499.98	23.21	24.20	1.256	0.01	0.515	0.647
	FR1 n77	100M	BPSK	1	137	Right Tilted	0mm	Ant 7	ECI 3	633332	3499.98	23.30	24.20	1.23	0.03	0.188	0.231
	FR1 n77	100M	BPSK	135	69	Right Tilted	0mm	Ant 7	ECI 3	633332	3499.98	23.21	24.20	1.256	-0.08	0.225	0.283
	FR1 n77	100M	BPSK	1	137	Left Cheek	0mm	Ant 7	ECI 3	633332	3499.98	23.30	24.20	1.23	-0.08	0.289	0.355
	FR1 n77	100M	BPSK	135	69	Left Cheek	0mm	Ant 7	ECI 3	633332	3499.98	23.21	24.20	1.256	0.10	0.353	0.443
	FR1 n77	100M	BPSK	1	137	Left Tilted	0mm	Ant 7	ECI 3	633332	3499.98	23.30	24.20	1.23	-0.18	0.313	0.385
	FR1 n77	100M	BPSK	135	69	Left Tilted	0mm	Ant 7	ECI 3	633332	3499.98	23.21	24.20	1.256	0.10	0.310	0.389
	FR1 n77_HPUE	100M	BPSK	135	69	Right Cheek	0mm	Ant 7	ECI 3	633332	3499.98	25.77	26.80	1.268	0.19	0.422	0.629
	FR1 n77C	100M	QPSK	135	138	Right Cheek	0mm	Ant 7	ECI 3	633332+639996	3499.98	21.07	22.3	1.327	0.03	0.291	0.386
	FR1 n77	100M	BPSK	1	271	Right Cheek	0mm	Ant 1	ECI 2	633332	3499.98	14.55	15.60	1.274	-0.13	0.518	0.660
	FR1 n77	100M	BPSK	135	138	Right Cheek	0mm	Ant 1	ECI 2	633332	3499.98	14.25	15.60	1.365	-0.03	0.568	0.775
	FR1 n77	100M	BPSK	1	271	Right Tilted	0mm	Ant 1	ECI 2	633332	3499.98	14.55	15.60	1.274	0.03	0.575	0.733
29	FR1 n77	100M	BPSK	135	138	Right Tilted	0mm	Ant 1	ECI 2	633332	3499.98	14.25	15.60	1.365	0.02	0.645	0.880
	FR1 n77	100M	BPSK	270	0	Right Tilted	0mm	Ant 1	ECI 2	633332	3499.98	14.49	15.60	1.291	0.14	0.680	0.878
	FR1 n77	100M	BPSK	1	271	Left Cheek	0mm	Ant 1	ECI 2	633332	3499.98	14.55	15.60	1.274	0.03	0.531	0.676
	FR1 n77	100M	BPSK	135	138	Left Cheek	0mm	Ant 1	ECI 2	633332	3499.98	14.25	15.60	1.365	-0.04	0.607	0.829
	FR1 n77	100M	BPSK	270	0	Left Cheek	0mm	Ant 1	ECI 2	633332	3499.98	14.49	15.60	1.291	0.04	0.618	0.798
	FR1 n77	100M	BPSK	1	271	Left Tilted	0mm	Ant 1	ECI 2	633332	3499.98	14.55	15.60	1.274	0.03	0.623	0.794
	FR1 n77	100M	BPSK	135	138	Left Tilted	0mm	Ant 1	ECI 2	633332	3499.98	14.25	15.60	1.365	-0.01	0.615	0.839
	FR1 n77	100M	BPSK	270	0	Left Tilted	0mm	Ant 1	ECI 2	633332	3499.98	14.49	15.60	1.291	-0.05	0.626	0.808
	FR1 n77_HPUE	100M	BPSK	135	138	Right Tilted	0mm	Ant 1	ECI 2	633332	3499.98	17.74	18.60	1.219	0.02	0.611	0.876
	FR1 n77C	100M	BPSK	135	138	Right Tilted	0mm	Ant 1	ECI 2	633332+639996	3499.98	13.95	15.6	1.462	0.03	0.530	0.775
	FR1 n77	100M	BPSK	1	271	Right Cheek	0mm	Ant 1	ECI 3	633332	3499.98	14.55	14.90	1.084	-0.13	0.518	0.562
	FR1 n77	100M	BPSK	135	138	Right Cheek	0mm	Ant 1	ECI 3	633332	3499.98	14.25	14.90	1.161	-0.03	0.568	0.659
	FR1 n77	100M	BPSK	1	271	Right Tilted	0mm	Ant 1	ECI 3	633332	3499.98	14.55	14.90	1.084	0.03	0.575	0.623
	FR1 n77	100M	BPSK	135	138	Right Tilted	0mm	Ant 1	ECI 3	633332	3499.98	14.25	14.90	1.161	0.02	0.645	0.749
	FR1 n77	100M	BPSK	1	271	Left Cheek	0mm	Ant 1	ECI 3	633332	3499.98	14.55	14.90	1.084	0.03	0.531	0.576
	FR1 n77	100M	BPSK	135	138	Left Cheek	0mm	Ant 1	ECI 3	633332	3499.98	14.25	14.90	1.161	-0.04	0.607	0.705
	FR1 n77	100M	BPSK	1	271	Left Tilted	0mm	Ant 1	ECI 3	633332	3499.98	14.55	14.90	1.084	0.03	0.623	0.675
	FR1 n77	100M	BPSK	135	138	Left Tilted	0mm	Ant 1	ECI 3	633332	3499.98	14.25	14.90	1.161	-0.01	0.615	0.714
	FR1 n77_HPUE	100M	BPSK	135	138	Right Tilted	0mm	Ant 1	ECI 3	633332	3499.98	17.74	17.90	1.038	0.02	0.611	0.746
	FR1 n77C	100M	BPSK	135	138	Right Tilted	0mm	Ant 1	ECI 3	633332+639996	3499.98	13.95	14.9	1.245	0.03	0.530	0.660
	FR1 n77	100M	BPSK	1	271	Right Cheek	0mm	Ant 5	ECI 2	633332	3499.98	15.05	16.60	1.429	-0.18	0.106	0.151
	FR1 n77	100M	BPSK	135	138	Right Cheek	0mm	Ant 5	ECI 2	633332	3499.98	15.07	16.60	1.422	0.05	0.103	0.146
	FR1 n77	100M	BPSK	1	271	Right Tilted	0mm	Ant 5	ECI 2	633332	3499.98	15.05	16.60	1.429	0.08	0.045	0.064
	FR1 n77	100M	BPSK	135	138	Right Tilted	0mm	Ant 5	ECI 2	633332	3499.98	15.07	16.60	1.422	0.02	0.047	0.067
	FR1 n77	100M	BPSK	1	271	Left Cheek	0mm	Ant 5	ECI 2	633332	3499.98	15.05	16.60	1.429	-0.12	0.486	0.694
	FR1 n77	100M	BPSK	135	138	Left Cheek	0mm	Ant 5	ECI 2	633332	3499.98	15.07	16.60	1.422	0.14	0.446	0.634
	FR1 n77	100M	BPSK	1	271	Left Tilted	0mm	Ant 5	ECI 2	633332	3499.98	15.05	16.60	1.429	0.11	0.160	0.229
	FR1 n77	100M	BPSK	135	138	Left Tilted	0mm	Ant 5	ECI 2	633332	3499.98	15.07	16.60	1.422	0.00	0.138	0.196
	FR1 n77_HPUE	100M	BPSK	1	271	Left Cheek	0mm	Ant 5	ECI 2	633332	3499.98	18.06	19.60	1.426	0.08	0.391	0.656
	FR1 n77C	100M	BPSK	135	138	Left Cheek	0mm	Ant 5	ECI 2	633332+639996	3499.98	15.65	16.6	1.245	-0.02	0.499	0.621
	FR1 n77	100M	BPSK	1	271	Right Cheek	0mm	Ant 5	ECI 3	633332	3499.98	15.05	15.70	1.161	-0.18	0.106	0.123
	FR1 n77	100M	BPSK	135	138	Right Cheek	0mm	Ant 5	ECI 3	633332	3499.98	15.07	15.70	1.156	0.05	0.103	0.119
	FR1 n77	100M	BPSK	1	271	Right Tilted	0mm	Ant 5	ECI 3	633332	3499.98	15.05	15.70	1.161	0.08	0.045	0.052
	FR1 n77	100M	BPSK	135	138	Right Tilted	0mm	Ant 5	ECI 3	633332	3499.98	15.07	15.70	1.156	0.02	0.047	0.054
	FR1 n77	100M	BPSK	1	271	Left Cheek	0mm	Ant 5	ECI 3	633332	3499.98	15.05	15.70	1.161	-0.12	0.486	0.564
	FR1 n77	100M	BPSK	135	138	Left Cheek	0mm	Ant 5	ECI 3	633332	3499.98	15.07	15.70	1.156	0.14	0.446	0.516
	FR1 n77	100M	BPSK	1	271	Left Tilted	0mm	Ant 5	ECI 3	633332	3499.98	15.05	15.70	1.161	0.11	0.160	0.186
	FR1 n77	100M	BPSK	135	138	Left Tilted	0mm	Ant 5	ECI 3	633332	3499.98	15.07	15.70	1.156	0.00	0.138	0.160
	FR1 n77_HPUE	100M	BPSK	1	271	Left Cheek	0mm	Ant 5	ECI 3	633332	3499.98	18.06	18.70	1.159	0.08	0.391	0.533
	FR1 n77C	100M	BPSK	135	138	Left Cheek	0mm	Ant 5	ECI 3	633332+639996	3499.98	15.65	15.7	1.012	-0.02	0.499	0.505
	FR1 n77	100M	BPSK	1	137	Right Cheek	0mm	Ant 6	ECI 2	656000	3840	24.27	24.60	1.079	0.01	0.181	0.195
	FR1 n77	100M	BPSK	135	69	Right Cheek	0mm	Ant 6	ECI 2	656000	3840	24.05	24.60	1.135	-0.13	0.188	0.213
	FR1 n77	100M	BPSK	1	137	Right Tilted	0mm	Ant 6	ECI 2	656000	3840	24.27	24.60	1.079	0.16	0.171	0.185
	FR1 n77	100M	BPSK	135	69	Right Tilted	0mm	Ant 6	ECI 2	656000	3840	24.05	24.60	1.135	-0.04	0.150	0.170
	FR1 n77	100M	BPSK	1	137	Left Cheek	0mm	Ant 6	ECI 2	656000	3840	24.27	24.60	1.079	-0.01	0.219	0.236
	FR1 n77	100M	BPSK	135	69	Left Cheek	0mm	Ant 6	ECI 2	656000	3840	24.05	24.60	1.135	-0.10	0.226	0.257
	FR1 n77	100M	BPSK	1	137	Left Tilted	0mm	Ant 6	ECI 2	656000	3840	24.27	24.60	1.079	-0.16	0.151	0.163



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	FR1 n77	100M	BPSK	135	69	Left Tilted	Omm	Ant 6	ECI 2	656000	3840	24.05	24.60	1.135	-0.08	0.148	0.168
	FR1 n77_HPUE	100M	BPSK	135	69	Left Cheek	Omm	Ant 6	ECI 2	656000	3840	26.45	27.10	1.161	-0.08	0.176	0.240
	FR1 n77C	100M	QPSK	135	138	Left Cheek	Omm	Ant 6	ECI 2	656000+662664	3840	21.75	22.6	1.216	-0.03	0.116	0.141
	FR1 n77	100M	BPSK	1	137	Right Cheek	Omm	Ant 6	ECI 3	656000	3840	21.05	22.00	1.245	0.08	0.085	0.106
	FR1 n77	100M	BPSK	135	0	Right Cheek	Omm	Ant 6	ECI 3	656000	3840	20.99	22.00	1.262	0.01	0.089	0.112
	FR1 n77	100M	BPSK	1	137	Right Tilted	Omm	Ant 6	ECI 3	656000	3840	21.05	22.00	1.245	0.03	0.081	0.101
	FR1 n77	100M	BPSK	135	0	Right Tilted	Omm	Ant 6	ECI 3	656000	3840	20.99	22.00	1.262	-0.08	0.071	0.090
	FR1 n77	100M	BPSK	1	137	Left Cheek	Omm	Ant 6	ECI 3	656000	3840	21.05	22.00	1.245	-0.08	0.103	0.128
	FR1 n77	100M	BPSK	135	0	Left Cheek	Omm	Ant 6	ECI 3	656000	3840	20.99	22.00	1.262	0.10	0.106	0.134
	FR1 n77	100M	BPSK	1	137	Left Tilted	Omm	Ant 6	ECI 3	656000	3840	21.05	22.00	1.245	-0.18	0.071	0.088
	FR1 n77	100M	BPSK	135	0	Left Tilted	Omm	Ant 6	ECI 3	656000	3840	20.99	22.00	1.262	0.10	0.070	0.088
	FR1 n77_HPUE	100M	BPSK	135	69	Left Cheek	Omm	Ant 6	ECI 3	656000	3840	24.05	25.00	1.245	0.12	0.090	0.132
	FR1 n77C	100M	QPSK	135	138	Left Cheek	Omm	Ant 6	ECI 3	656000+662664	3840	21.75	22	1.059	-0.03	0.116	0.123
	FR1 n77	100M	QPSK	1	271	Right Cheek	Omm	Ant 7	ECI 2	656000	3840	23.54	24.80	1.337	-0.17	0.336	0.449
	FR1 n77	100M	QPSK	135	69	Right Cheek	Omm	Ant 7	ECI 2	656000	3840	23.52	24.80	1.343	-0.16	0.346	0.465
	FR1 n77	100M	QPSK	1	271	Right Tilted	Omm	Ant 7	ECI 2	656000	3840	23.54	24.80	1.337	-0.17	0.169	0.226
	FR1 n77	100M	QPSK	135	69	Right Tilted	Omm	Ant 7	ECI 2	656000	3840	23.52	24.80	1.343	0.11	0.163	0.219
	FR1 n77	100M	QPSK	1	271	Left Cheek	Omm	Ant 7	ECI 2	656000	3840	23.54	24.80	1.337	-0.09	0.222	0.297
	FR1 n77	100M	QPSK	135	69	Left Cheek	Omm	Ant 7	ECI 2	656000	3840	23.52	24.80	1.343	0.17	0.237	0.318
	FR1 n77	100M	QPSK	1	271	Left Tilted	Omm	Ant 7	ECI 2	656000	3840	23.54	24.80	1.337	0.13	0.258	0.345
	FR1 n77	100M	QPSK	135	69	Left Tilted	Omm	Ant 7	ECI 2	656000	3840	23.52	24.80	1.343	-0.02	0.279	0.375
	FR1 n77_HPUE	100M	BPSK	135	69	Right Cheek	Omm	Ant 7	ECI 2	656000	3840	25.78	26.80	1.265	0.13	0.267	0.397
	FR1 n77C	100M	QPSK	135	138	Right Cheek	Omm	Ant 7	ECI 2	656000+662664	3840	21.11	22.3	1.315	0.03	0.168	0.221
	FR1 n77	100M	BPSK	1	271	Right Cheek	Omm	Ant 7	ECI 3	656000	3840	23.58	24.20	1.153	0.12	0.337	0.389
	FR1 n77	100M	BPSK	135	69	Right Cheek	Omm	Ant 7	ECI 3	656000	3840	23.47	24.20	1.183	0.08	0.347	0.411
	FR1 n77	100M	BPSK	1	271	Right Tilted	Omm	Ant 7	ECI 3	656000	3840	23.58	24.20	1.153	-0.17	0.169	0.195
	FR1 n77	100M	BPSK	135	69	Right Tilted	Omm	Ant 7	ECI 3	656000	3840	23.47	24.20	1.183	-0.03	0.163	0.193
	FR1 n77	100M	BPSK	1	271	Left Cheek	Omm	Ant 7	ECI 3	656000	3840	23.58	24.20	1.153	0.14	0.220	0.254
	FR1 n77	100M	BPSK	135	69	Left Cheek	Omm	Ant 7	ECI 3	656000	3840	23.47	24.20	1.183	0.11	0.238	0.282
	FR1 n77	100M	BPSK	1	271	Left Tilted	Omm	Ant 7	ECI 3	656000	3840	23.58	24.20	1.153	-0.05	0.258	0.297
	FR1 n77	100M	BPSK	135	69	Left Tilted	Omm	Ant 7	ECI 3	656000	3840	23.47	24.20	1.183	0.18	0.276	0.327
	FR1 n77_HPUE	100M	BPSK	135	69	Right Cheek	Omm	Ant 7	ECI 3	656000	3840	25.78	26.80	1.265	0.13	0.267	0.397
	FR1 n77C	100M	QPSK	135	138	Right Cheek	Omm	Ant 7	ECI 3	656000+662664	3840	21.11	22.3	1.315	0.03	0.168	0.221
	FR1 n77	100M	BPSK	1	271	Right Cheek	Omm	Ant 1	ECI 2	656000	3840	14.50	15.60	1.288	-0.02	0.517	0.666
	FR1 n77	100M	BPSK	135	138	Right Cheek	Omm	Ant 1	ECI 2	656000	3840	14.43	15.60	1.309	-0.13	0.554	0.725
	FR1 n77	100M	BPSK	1	271	Right Tilted	Omm	Ant 1	ECI 2	656000	3840	14.50	15.60	1.288	0.06	0.215	0.277
	FR1 n77	100M	BPSK	135	138	Right Tilted	Omm	Ant 1	ECI 2	656000	3840	14.43	15.60	1.309	0.00	0.213	0.279
	FR1 n77	100M	BPSK	1	271	Left Cheek	Omm	Ant 1	ECI 2	656000	3840	14.50	15.60	1.288	0.06	0.088	0.113
	FR1 n77	100M	BPSK	135	138	Left Cheek	Omm	Ant 1	ECI 2	656000	3840	14.43	15.60	1.309	0.01	0.096	0.126
	FR1 n77	100M	BPSK	1	271	Left Tilted	Omm	Ant 1	ECI 2	656000	3840	14.50	15.60	1.288	0.04	0.073	0.094
	FR1 n77	100M	BPSK	135	138	Left Tilted	Omm	Ant 1	ECI 2	656000	3840	14.43	15.60	1.309	-0.10	0.077	0.101
	FR1 n77_HPUE	100M	BPSK	135	138	Right Cheek	Omm	Ant 1	ECI 2	656000	3840	17.88	18.60	1.18	-0.08	0.520	0.722
	FR1 n77C	100M	BPSK	135	138	Right Cheek	Omm	Ant 1	ECI 2	656000+662664	3840	14.08	15.6	1.419	0.03	0.494	0.701
	FR1 n77	100M	BPSK	1	271	Right Cheek	Omm	Ant 1	ECI 3	656000	3840	14.50	14.90	1.096	-0.02	0.517	0.567
	FR1 n77	100M	BPSK	135	138	Right Cheek	Omm	Ant 1	ECI 3	656000	3840	14.43	14.90	1.114	-0.13	0.554	0.617
	FR1 n77	100M	BPSK	1	271	Right Tilted	Omm	Ant 1	ECI 3	656000	3840	14.50	14.90	1.096	0.06	0.215	0.236
	FR1 n77	100M	BPSK	135	138	Right Tilted	Omm	Ant 1	ECI 3	656000	3840	14.43	14.90	1.114	0.00	0.213	0.237
	FR1 n77	100M	BPSK	1	271	Left Cheek	Omm	Ant 1	ECI 3	656000	3840	14.50	14.90	1.096	0.06	0.088	0.096
	FR1 n77	100M	BPSK	135	138	Left Cheek	Omm	Ant 1	ECI 3	656000	3840	14.43	14.90	1.114	0.01	0.096	0.107
	FR1 n77	100M	BPSK	1	271	Left Tilted	Omm	Ant 1	ECI 3	656000	3840	14.50	14.90	1.096	0.04	0.073	0.080
	FR1 n77	100M	BPSK	135	138	Left Tilted	Omm	Ant 1	ECI 3	656000	3840	14.43	14.90	1.114	-0.10	0.077	0.086
	FR1 n77_HPUE	100M	BPSK	135	138	Right Cheek	Omm	Ant 1	ECI 3	656000	3840	17.88	17.90	1.005	-0.08	0.520	0.615
	FR1 n77C	100M	BPSK	135	138	Right Cheek	Omm	Ant 1	ECI 3	656000+662664	3840	14.08	14.9	1.208	0.03	0.494	0.597
	FR1 n77	100M	BPSK	1	137	Right Cheek	Omm	Ant 5	ECI 2	656000	3840	15.14	16.60	1.4	-0.11	0.107	0.150
	FR1 n77	100M	BPSK	135	0	Right Cheek	Omm	Ant 5	ECI 2	656000	3840	15.09	16.60	1.416	0.14	0.103	0.146
	FR1 n77	100M	BPSK	1	137	Right Tilted	Omm	Ant 5	ECI 2	656000	3840	15.14	16.60	1.4	-0.09	0.083	0.116
	FR1 n77	100M	BPSK	135	0	Right Tilted	Omm	Ant 5	ECI 2	656000	3840	15.09	16.60	1.416	-0.10	0.069	0.098
	FR1 n77	100M	BPSK	1	137	Left Cheek	Omm	Ant 5	ECI 2	656000	3840	15.14	16.60	1.4	-0.01	0.534	0.748
	FR1 n77	100M	BPSK	135	0	Left Cheek	Omm	Ant 5	ECI 2	656000	3840	15.09	16.60	1.416	-0.12	0.536	0.759
	FR1 n77	100M	BPSK	1	137	Left Tilted	Omm	Ant 5	ECI 2	656000	3840	15.14	16.60	1.4	0.18	0.157	0.220
	FR1 n77	100M	BPSK	135	0	Left Tilted	Omm	Ant 5	ECI 2	656000	3840	15.09	16.60	1.416	0.09	0.164	0.232
	FR1 n77_HPUE	100M	BPSK	135	138	Left Cheek	Omm	Ant 5	ECI 2	656000	3840	18.16	19.60	1.393	-0.12	0.451	0.739
	FR1 n77C	100M	BPSK	135	138	Left Cheek	Omm	Ant 5	ECI 2	656000+662664	3840	15.46	16.6	1.300	0.01	0.545	0.709
	FR1 n77	100M	BPSK	1	137	Right Cheek	Omm	Ant 5	ECI 3	656000	3840	15.14	15.70	1.138	-0.11	0.107	0.122
	FR1 n77	100M	BPSK	135	0	Right Cheek	Omm	Ant 5	ECI 3	656000	3840	15.09	15.70	1.151	0.14	0.103	0.119
	FR1 n77	100M	BPSK	1	137	Right Tilted	Omm	Ant 5	ECI 3	656000	3840	15.14	15.70	1.138	-0.09	0.083	0.094
	FR1 n77	100M	BPSK	135	0	Right Tilted	Omm	Ant 5	ECI 3	656000	3840	15.09	15.70	1.151	-0.10	0.069	0.079
	FR1 n77	100M	BPSK	1	137	Left Cheek	Omm	Ant 5	ECI 3	656000	3840	15.14	15.70	1.138	-0.01	0.534	0.608
	FR1 n77	100M	BPSK	135	0	Left Cheek	Omm	Ant 5	ECI 3	656000	3840	15.09	15.70	1.151	-0.12	0.536	0.617
	FR1 n77	100M	BPSK	1	137	Left Tilted	Omm	Ant 5	ECI 3	656000	3840	15.14	15.70	1.138	0.18	0.157	0.179
	FR1 n77	100M	BPSK	135	0	Left Tilted	Omm	Ant 5	ECI 3	656000	3840	15.09	15.70	1.151	0.09	0.164	0.189
	FR1 n77_HPUE	100M	BPSK	135	138	Left Cheek	Omm	Ant 5	ECI 3	656000	3840	18.16	18.70	1.132	-0.12	0.451	0.600
	FR1 n77C	100M	BPSK	135	138	Left Cheek	Omm	Ant 5	ECI 3	656000+662664	3840	15.46	15.7	1.057	0.01	0.545	0.576



< WLAN SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	Index 1	6	2437	16.45	16.50	1.012	99.88	1.001	0.02	0.527	0.534
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	Index 1	6	2437	16.45	16.50	1.012	99.88	1.001	-0.15	0.132	0.134
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	Index 1	6	2437	16.45	16.50	1.012	99.88	1.001	0.04	0.372	0.377
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	Index 1	6	2437	16.45	16.50	1.012	99.88	1.001	0.1	0.067	0.068
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	Index 1	6	2437	16.23	16.50	1.064	99.88	1.001	0.03	0.235	0.250
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	Index 1	6	2437	16.23	16.50	1.064	99.88	1.001	0.01	0.282	0.300
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	Index 1	6	2437	16.23	16.50	1.064	99.88	1.001	-0.03	0.437	0.465
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	Index 1	6	2437	16.23	16.50	1.064	99.88	1.001	-0.02	0.377	0.402
30	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3+4(3)	Index 1	11	2462	16.26	16.50	1.057	100	1.000	-0.08	0.661	0.699
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3+4(4)	Index 1	11	2462	16.32	16.50	1.042	100	1.000	-0.08	0.307	0.320
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3+4(3)	Index 1	11	2462	16.26	16.50	1.057	100	1.000	-0.02	0.099	0.105
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3+4(4)	Index 1	11	2462	16.32	16.50	1.042	100	1.000	-0.02	0.418	0.436
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3+4(3)	Index 1	11	2462	16.26	16.50	1.057	100	1.000	-0.03	0.408	0.431
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3+4(4)	Index 1	11	2462	16.32	16.50	1.042	100	1.000	-0.03	0.381	0.397
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3+4(3)	Index 1	11	2462	16.26	16.50	1.057	100	1.000	0	0.069	0.073
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3+4(4)	Index 1	11	2462	16.32	16.50	1.042	100	1.000	0	0.488	0.508
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	Index 2	6	2437	11.75	13.00	1.334	99.88	1.001	0.11	0.171	0.228
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	Index 2	6	2437	11.75	13.00	1.334	99.88	1.001	0.08	0.044	0.059
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	Index 2	6	2437	11.75	13.00	1.334	99.88	1.001	-0.17	0.114	0.152
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	Index 2	6	2437	11.75	13.00	1.334	99.88	1.001	0.01	0.021	0.028
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	Index 2	1	2412	12.66	13.00	1.081	99.88	1.001	-0.01	0.050	0.054
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	Index 2	1	2412	12.66	13.00	1.081	99.88	1.001	0.03	0.099	0.107
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	Index 2	1	2412	12.66	13.00	1.081	99.88	1.001	0.18	0.146	0.158
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	Index 2	1	2412	12.66	13.00	1.081	99.88	1.001	-0.08	0.132	0.143
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3+4(3)	Index 2	6	2437	12.17	13.00	1.211	100	1.000	-0.09	0.188	0.228
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3+4(4)	Index 2	6	2437	11.66	13.00	1.361	100	1.000	-0.09	0.059	0.080
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3+4(3)	Index 2	6	2437	12.17	13.00	1.211	100	1.000	-0.08	0.029	0.035
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3+4(4)	Index 2	6	2437	11.66	13.00	1.361	100	1.000	-0.08	0.080	0.109
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3+4(3)	Index 2	6	2437	12.17	13.00	1.211	100	1.000	-0.08	0.122	0.148
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3+4(4)	Index 2	6	2437	11.66	13.00	1.361	100	1.000	-0.08	0.122	0.166
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3+4(3)	Index 2	6	2437	12.17	13.00	1.211	100	1.000	0.1	0.021	0.025
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3+4(4)	Index 2	6	2437	11.66	13.00	1.361	100	1.000	0.1	0.156	0.212
	WLAN5GHz	802.11ac-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	54	5270	16.22	16.50	1.067	98.92	1.011	-0.04	0.633	0.683
	WLAN5GHz	802.11ac-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	54	5270	16.23	16.50	1.064	98.92	1.011	-0.04	0.422	0.454
	WLAN5GHz	802.11ac-HT40 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 1	54	5270	16.22	16.50	1.067	98.92	1.011	0.08	0.732	0.790
	WLAN5GHz	802.11ac-HT40 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 1	54	5270	16.23	16.50	1.064	98.92	1.011	0.08	0.286	0.308
	WLAN5GHz	802.11ac-HT40 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 1	54	5270	16.22	16.50	1.067	98.92	1.011	-0.08	0.075	0.081
	WLAN5GHz	802.11ac-HT40 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 1	54	5270	16.23	16.50	1.064	98.92	1.011	-0.08	0.482	0.518
	WLAN5GHz	802.11ac-HT40 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 1	54	5270	16.22	16.50	1.067	98.92	1.011	0.18	0.541	0.584
	WLAN5GHz	802.11ac-HT40 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 1	54	5270	16.23	16.50	1.064	98.92	1.011	0.18	0.159	0.171
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	50	5250	12.00	12.00	1.000	95.8	1.044	0.06	0.199	0.208
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	50	5250	11.27	12.00	1.183	95.8	1.044	0.06	0.135	0.167
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 2	50	5250	12.00	12.00	1.000	95.8	1.044	-0.18	0.126	0.132
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 2	50	5250	11.27	12.00	1.183	95.8	1.044	-0.18	0.049	0.061
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 2	50	5250	12.00	12.00	1.000	95.8	1.044	0.05	0.021	0.022
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 2	50	5250	11.27	12.00	1.183	95.8	1.044	0.05	0.179	0.221
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 2	50	5250	12.00	12.00	1.000	95.8	1.044	0.1	0.188	0.196
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 2	50	5250	11.27	12.00	1.183	95.8	1.044	0.1	0.051	0.063
32	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	138	5690	15.18	15.50	1.076	97.77	1.023	0.05	0.649	0.714
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	138	5690	15.47	15.50	1.007	97.77	1.023	0.05	0.395	0.407
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 1	138	5690	15.18	15.50	1.076	97.77	1.023	0.03	0.290	0.319
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 1	138	5690	15.47	15.50	1.007	97.77	1.023	0.03	0.342	0.352
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 1	138	5690	15.18	15.50	1.076	97.77	1.023	0.05	0.116	0.128
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 1	138	5690	15.47	15.50	1.007	97.77	1.023	0.05	0.609	0.627
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 1	138	5690	15.18	15.50	1.076	97.77	1.023	0.11	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 1	138	5690	15.47	15.50	1.007	97.77	1.023	0.11	0.635	0.654
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	114	5570	10.75	11.00	1.059	95.8	1.044	0.06	0.151	0.167
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	114	5570	10.55	11.00	1.109	95.8	1.044	0.06	0.098	0.113
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 2	114	5570	10.75	11.00	1.059	95.8	1.044	0.1	0.068	0.075
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 2	114	5570	10.55	11.00	1.109	95.8	1.044	0.1	0.077	0.089
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 2	114	5570	10.75	11.00	1.059	95.8	1.044	0.04	0.024	0.027
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 2	114	5570	11.00	11.00	1.000	95.8	1.044	0.04	0.214	0.223
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 2	114	5570	10.75	11.00	1.059	95.8	1.044	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 2	114	5570	10.55	11.00	1.109	95.8	1.044	0.06	0.190	0.220
33	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	155	5775	14.45	14.50	1.012	97.77	1.023	-0.03	0.768	0.795



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	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	155	5775	14.41	14.50	1.021	97.77	1.023	-0.03	0.350	0.366
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 1	155	5775	14.45	14.50	1.012	97.77	1.023	0.08	0.326	0.337
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 1	155	5775	14.41	14.50	1.021	97.77	1.023	0.08	0.366	0.382
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 1	155	5775	14.45	14.50	1.012	97.77	1.023	-0.13	0.145	0.150
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 1	155	5775	14.41	14.50	1.021	97.77	1.023	-0.13	0.673	0.703
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 1	155	5775	14.45	14.50	1.012	97.77	1.023	-0.07	0.072	0.075
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 1	155	5775	14.41	14.50	1.021	97.77	1.023	-0.07	0.701	0.732
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	155	5775	10.50	10.50	1.000	97.77	1.023	0.18	0.210	0.215
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	155	5775	9.92	10.50	1.143	97.77	1.023	0.18	0.131	0.153
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 2	155	5775	10.50	10.50	1.000	97.77	1.023	0.12	0.089	0.091
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 2	155	5775	9.92	10.50	1.143	97.77	1.023	0.12	0.137	0.160
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 2	155	5775	10.50	10.50	1.000	97.77	1.023	-0.02	0.027	0.028
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 2	155	5775	9.92	10.50	1.143	97.77	1.023	-0.02	0.159	0.186
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 2	155	5775	10.50	10.50	1.000	97.77	1.023	0.08	0.013	0.013
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 2	155	5775	9.92	10.50	1.143	97.77	1.023	0.08	0.166	0.194
34	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	163	5815	14.99	15.00	1.002	95.8	1.044	-0.09	0.738	0.772
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	163	5815	14.70	15.00	1.072	95.8	1.044	-0.09	0.375	0.420
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 1	163	5815	14.99	15.00	1.002	95.8	1.044	0.12	0.376	0.393
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 1	163	5815	14.70	15.00	1.072	95.8	1.044	0.12	0.329	0.368
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 1	163	5815	14.99	15.00	1.002	95.8	1.044	0	0.151	0.158
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 1	163	5815	14.70	15.00	1.072	95.8	1.044	0	0.537	0.601
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 1	163	5815	14.99	15.00	1.002	95.8	1.044	-0.17	0.067	0.070
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 1	163	5815	14.70	15.00	1.072	95.8	1.044	-0.17	0.590	0.660
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	163	5815	10.50	10.50	1.000	95.8	1.044	0.09	0.211	0.220
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	163	5815	10.10	10.50	1.096	95.8	1.044	0.09	0.158	0.181
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 2	163	5815	10.50	10.50	1.000	95.8	1.044	-0.17	0.129	0.135
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 2	163	5815	10.10	10.50	1.096	95.8	1.044	-0.17	0.119	0.136
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 2	163	5815	10.50	10.50	1.000	95.8	1.044	-0.11	0.024	0.025
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 2	163	5815	10.10	10.50	1.096	95.8	1.044	-0.11	0.169	0.193
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 2	163	5815	10.50	10.50	1.000	95.8	1.044	-0.03	0.023	0.024
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 2	163	5815	10.10	10.50	1.096	95.8	1.044	-0.03	0.214	0.245

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	207	6985	16.16	16.50	1.081	95.24	1.050	-0.11	0.627	0.712	3.740	4.245
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	207	6985	15.95	16.50	1.135	95.24	1.050	-0.11	0.133	0.159	0.957	1.141
35	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	15	6185	13.50	15.00	1.413	95.24	1.050	-0.12	0.484	0.718	3.150	4.673
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	15	6185	14.86	15.00	1.033	95.24	1.050	-0.12	0.268	0.291	2.000	2.169
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	47	6185	13.22	15.00	1.507	95.24	1.050	0.1	0.227	0.359	1.380	2.184
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	47	6185	13.96	15.00	1.271	95.24	1.050	0.1	0.125	0.167	0.905	1.208
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	111	6505	13.21	15.00	1.510	95.24	1.050	0.01	0.421	0.667	2.830	4.487
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	111	6505	14.50	15.00	1.122	95.24	1.050	0.01	0.109	0.128	0.806	0.950
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 1	143	6665	16.00	16.50	1.122	95.24	1.050	-0.12	0.310	0.365	1.860	2.191
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 1	143	6665	16.10	16.50	1.096	95.24	1.050	-0.12	0.098	0.113	0.653	0.751
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 1	207	6985	16.16	16.50	1.081	95.24	1.050	0.1	0.215	0.244	1.270	1.442
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 1	207	6985	15.95	16.50	1.135	95.24	1.050	0.1	0.097	0.116	0.474	0.565
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 1	207	6985	16.16	16.50	1.081	95.24	1.050	-0.12	0.041	0.047	0.186	0.211
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 1	207	6985	15.95	16.50	1.135	95.24	1.050	-0.12	0.104	0.124	0.578	0.689
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 1	207	6985	16.16	16.50	1.081	95.24	1.050	0.16	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 1	207	6985	15.95	16.50	1.135	95.24	1.050	0.16	0.104	0.124	0.647	0.771
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	143	6665	10.26	12.00	1.493	95.24	1.050	-0.11	0.140	0.219	0.757	1.187
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	143	6665	11.58	12.00	1.102	95.24	1.050	-0.11	0.051	0.059	0.322	0.373
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	15	6025	10.00	12.00	1.585	95.24	1.050	0.05	0.120	0.200	0.677	1.127
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	15	6025	12.00	12.00	1.000	95.24	1.050	0.05	0.028	0.029	0.156	0.164
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	47	6185	10.07	12.00	1.560	95.24	1.050	-0.11	0.125	0.205	0.704	1.153
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	47	6185	11.90	12.00	1.023	95.24	1.050	-0.11	0.030	0.032	0.184	0.198
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	111	6505	9.41	10.50	1.285	95.24	1.050	-0.14	0.161	0.217	0.976	1.317
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	111	6505	10.50	10.50	1.000	95.24	1.050	-0.14	0.030	0.032	0.190	0.200
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	Index 2	207	6985	10.69	11.50	1.205	95.24	1.050	0.02	0.159	0.201	0.758	0.959
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	Index 2	207	6985	10.82	11.50	1.169	95.24	1.050	0.02	0.030	0.037	0.138	0.169
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	Index 2	143	6665	10.26	12.00	1.493	95.24	1.050	0.08	0.048	0.075	0.283	0.444
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	Index 2	143	6665	11.58	12.00	1.102	95.24	1.050	0.01	0.037	0.043	0.000	0.000
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	Index 2	143	6665	10.26	12.00	1.493	95.24	1.050	0.03	0.009	0.014	0.041	0.064
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	Index 2	143	6665	11.58	12.00	1.102	95.24	1.050	-0.08	0.040	0.046	0.220	0.255
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(3)	Index 2	143	6665	10.26	12.00	1.493	95.24	1.050	-0.08	0.001	0.002	0.001	0.002
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(4)	Index 2	143	6665	11.58	12.00	1.102	95.24	1.050	0.1	0.040	0.046	0.247	0.286

< Bluetooth SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3	BT Index 1	39	2441	13.45	15.00	1.429	76.93	1.083	0.06	0.133	0.206
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3	BT Index 1	39	2441	13.45	15.00	1.429	76.93	1.083	0.08	0.029	0.045
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3	BT Index 1	39	2441	13.45	15.00	1.429	76.93	1.083	0.01	0.093	0.144
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3	BT Index 1	39	2441	13.45	15.00	1.429	76.93	1.083	0.03	0.001	0.002
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 4	BT Index 1	78	2480	14.00	14.00	1.000	76.93	1.083	0.11	0.103	0.112
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 4	BT Index 1	78	2480	14.00	14.00	1.000	76.93	1.083	-0.06	0.126	0.136
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 4	BT Index 1	78	2480	14.00	14.00	1.000	76.93	1.083	0.09	0.197	0.213
36	Bluetooth	1Mbps	Left Tilted	0mm	Ant 4	BT Index 1	78	2480	14.00	14.00	1.000	76.93	1.083	-0.05	0.220	0.238
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3+4(3)	BT Index 1	0	2402	11.99	13.00	1.262	76.93	1.083	-0.02	0.151	0.206
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3+4(4)	BT Index 1	0	2402	11.81	13.00	1.315	76.93	1.083	-0.02	0.055	0.078
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3+4(3)	BT Index 1	0	2402	11.99	13.00	1.262	76.93	1.083	-0.08	0.024	0.033
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3+4(4)	BT Index 1	0	2402	11.81	13.00	1.315	76.93	1.083	-0.08	0.037	0.053
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3+4(3)	BT Index 1	0	2402	11.99	13.00	1.262	76.93	1.083	0.09	0.072	0.098
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3+4(4)	BT Index 1	0	2402	11.81	13.00	1.315	76.93	1.083	0.09	0.104	0.148
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3+4(3)	BT Index 1	0	2402	11.99	13.00	1.262	76.93	1.083	-0.08	0.015	0.021
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3+4(4)	BT Index 1	0	2402	11.81	13.00	1.315	76.93	1.083	-0.08	0.094	0.134

< Threads SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
37	Thread	250K	Right Cheek	0mm	Ant 3	Thread Index 1	26	2480	12.70	14.00	1.349	89.63	1.116	-0.06	0.153	0.230
	Thread	250K	Right Tilted	0mm	Ant 3	Thread Index 1	26	2480	12.70	14.00	1.349	89.63	1.116	-0.03	0.045	0.068
	Thread	250K	Left Cheek	0mm	Ant 3	Thread Index 1	26	2480	12.70	14.00	1.349	89.63	1.116	0.16	0.103	0.155
	Thread	250K	Left Tilted	0mm	Ant 3	Thread Index 1	26	2480	12.70	14.00	1.349	89.63	1.116	0.14	0.001	0.002

14.2 Hotspot SAR

【GSM SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
38	GSM850	GPRS 4 Tx slots	Front	5mm	Ant 0	ECI 6	189	836.4	25.97	26.20	1.054	0.00	0.484	0.510
	GSM850	GPRS 4 Tx slots	Back	5mm	Ant 0	ECI 6	189	836.4	25.97	26.20	1.054	-0.07	0.668	0.704
	GSM850	GPRS 4 Tx slots	Left Edge	5mm	Ant 0	ECI 6	189	836.4	25.97	26.20	1.054	-0.01	0.319	0.336
	GSM850	GPRS 4 Tx slots	Right Edge	5mm	Ant 0	ECI 6	189	836.4	25.97	26.20	1.054	0.01	0.136	0.143
	GSM850	GPRS 4 Tx slots	Bottom Edge	5mm	Ant 0	ECI 6	189	836.4	25.97	26.20	1.054	-0.01	0.611	0.644
	GSM850	GPRS 4 Tx slots	Front	5mm	Ant 1	ECI 6	189	836.4	27.75	28.60	1.216	0.11	0.218	0.265
	GSM850	GPRS 4 Tx slots	Back	5mm	Ant 1	ECI 6	189	836.4	27.75	28.60	1.216	0.06	0.431	0.524
	GSM850	GPRS 4 Tx slots	Left Edge	5mm	Ant 1	ECI 6	189	836.4	27.75	28.60	1.216	0.00	0.475	0.578
	GSM850	GPRS 4 Tx slots	Right Edge	5mm	Ant 1	ECI 6	189	836.4	27.75	28.60	1.216	-0.05	0.088	0.107
	GSM850	GPRS 4 Tx slots	Top Edge	5mm	Ant 1	ECI 6	189	836.4	27.75	28.60	1.216	0.01	0.305	0.371
	GSM1900	GPRS 4 Tx slots	Front	5mm	Ant 2	ECI 6	512	1850.2	22.56	22.70	1.033	-0.05	0.481	0.497
	GSM1900	GPRS 4 Tx slots	Back	5mm	Ant 2	ECI 6	512	1850.2	22.56	22.70	1.033	-0.05	0.492	0.508
	GSM1900	GPRS 4 Tx slots	Left Edge	5mm	Ant 2	ECI 6	512	1850.2	22.56	22.70	1.033	0.03	0.085	0.088
	GSM1900	GPRS 4 Tx slots	Right Edge	5mm	Ant 2	ECI 6	512	1850.2	22.56	22.70	1.033	0.02	0.768	0.793
	GSM1900	GPRS 4 Tx slots	Bottom Edge	5mm	Ant 2	ECI 6	512	1850.2	22.56	22.70	1.033	-0.14	0.144	0.149
	GSM1900	GPRS 4 Tx slots	Front	5mm	Ant 0	ECI 6	661	1880	17.88	18.20	1.076	-0.19	0.414	0.445
	GSM1900	GPRS 4 Tx slots	Back	5mm	Ant 0	ECI 6	661	1880	17.88	18.20	1.076	-0.05	0.521	0.561
	GSM1900	GPRS 4 Tx slots	Left Edge	5mm	Ant 0	ECI 6	661	1880	17.88	18.20	1.076	-0.14	0.100	0.108
	GSM1900	GPRS 4 Tx slots	Right Edge	5mm	Ant 0	ECI 6	661	1880	17.88	18.20	1.076	0.10	0.018	0.019
	GSM1900	GPRS 4 Tx slots	Bottom Edge	5mm	Ant 0	ECI 6	661	1880	17.88	18.20	1.076	-0.13	0.744	0.801
	GSM1900	GPRS 4 Tx slots	Bottom Edge	5mm	Ant 0	ECI 6	512	1850.2	17.85	18.20	1.084	0.05	0.646	0.700
	GSM1900	GPRS 4 Tx slots	Bottom Edge	5mm	Ant 0	ECI 6	810	1909.8	17.80	18.20	1.096	-0.03	0.767	0.841

【WCDMA SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 6	9400	1880	19.30	19.50	1.047	-0.14	0.545	0.571
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 6	9400	1880	19.30	19.50	1.047	0.07	0.525	0.550
	WCDMA II	RMC 12.2Kbps	Left Edge	5mm	Ant 2	ECI 6	9400	1880	19.30	19.50	1.047	-0.07	0.090	0.094
40	WCDMA II	RMC 12.2Kbps	Right Edge	5mm	Ant 2	ECI 6	9400	1880	19.30	19.50	1.047	-0.05	0.802	0.840
	WCDMA II	RMC 12.2Kbps	Right Edge	5mm	Ant 2	ECI 6	9262	1852.4	19.19	19.50	1.074	-0.11	0.740	0.795
	WCDMA II	RMC 12.2Kbps	Right Edge	5mm	Ant 2	ECI 6	9538	1907.6	19.09	19.50	1.099	0.09	0.728	0.800
	WCDMA II	RMC 12.2Kbps	Bottom Edge	5mm	Ant 2	ECI 6	9400	1880	19.30	19.50	1.047	-0.02	0.201	0.210
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 6	9400	1880	14.43	14.50	1.016	-0.14	0.423	0.430
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 6	9400	1880	14.43	14.50	1.016	0.19	0.496	0.504
	WCDMA II	RMC 12.2Kbps	Left Edge	5mm	Ant 0	ECI 6	9400	1880	14.43	14.50	1.016	-0.13	0.085	0.086
	WCDMA II	RMC 12.2Kbps	Right Edge	5mm	Ant 0	ECI 6	9400	1880	14.43	14.50	1.016	-0.08	0.011	0.011
	WCDMA II	RMC 12.2Kbps	Bottom Edge	5mm	Ant 0	ECI 6	9400	1880	14.43	14.50	1.016	0.12	0.705	0.716
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 6	1413	1732.6	20.33	20.40	1.016	-0.13	0.491	0.499
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 6	1413	1732.6	20.33	20.40	1.016	-0.06	0.566	0.575
	WCDMA IV	RMC 12.2Kbps	Left Edge	5mm	Ant 2	ECI 6	1413	1732.6	20.33	20.40	1.016	-0.12	0.079	0.080
	WCDMA IV	RMC 12.2Kbps	Right Edge	5mm	Ant 2	ECI 6	1413	1732.6	20.33	20.40	1.016	0.03	0.723	0.735
	WCDMA IV	RMC 12.2Kbps	Bottom Edge	5mm	Ant 2	ECI 6	1413	1732.6	20.33	20.40	1.016	-0.05	0.331	0.336
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 6	1312	1712.4	14.90	15.30	1.096	0.18	0.380	0.416
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 6	1312	1712.4	14.90	15.30	1.096	0.12	0.498	0.546
	WCDMA IV	RMC 12.2Kbps	Left Edge	5mm	Ant 0	ECI 6	1312	1712.4	14.90	15.30	1.096	-0.11	0.087	0.095
	WCDMA IV	RMC 12.2Kbps	Right Edge	5mm	Ant 0	ECI 6	1312	1712.4	14.90	15.30	1.096	0.17	0.010	0.011
	WCDMA IV	RMC 12.2Kbps	Bottom Edge	5mm	Ant 0	ECI 6	1312	1712.4	14.90	15.30	1.096	0.19	0.730	0.800
41	WCDMA IV	RMC 12.2Kbps	Bottom Edge	5mm	Ant 0	ECI 6	1413	1732.6	14.89	15.30	1.099	-0.02	0.740	0.813
	WCDMA IV	RMC 12.2Kbps	Bottom Edge	5mm	Ant 0	ECI 6	1513	1752.6	14.88	15.30	1.102	0.09	0.697	0.768
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 6	4182	836.4	20.85	22.00	1.303	0.18	0.379	0.494
42	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 6	4182	836.4	20.85	22.00	1.303	-0.19	0.562	0.732
	WCDMA V	RMC 12.2Kbps	Left Edge	5mm	Ant 0	ECI 6	4182	836.4	20.85	22.00	1.303	-0.09	0.220	0.287
	WCDMA V	RMC 12.2Kbps	Right Edge	5mm	Ant 0	ECI 6	4182	836.4	20.85	22.00	1.303	-0.06	0.106	0.138
	WCDMA V	RMC 12.2Kbps	Bottom Edge	5mm	Ant 0	ECI 6	4182	836.4	20.85	22.00	1.303	0.10	0.449	0.585
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 6	4182	836.4	24.47	24.70	1.054	-0.02	0.221	0.233
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 6	4182	836.4	24.47	24.70	1.054	-0.08	0.462	0.487
	WCDMA V	RMC 12.2Kbps	Left Edge	5mm	Ant 1	ECI 6	4182	836.4	24.47	24.70	1.054	-0.00	0.370	0.390
	WCDMA V	RMC 12.2Kbps	Right Edge	5mm	Ant 1	ECI 6	4182	836.4	24.47	24.70	1.054	0.01	0.110	0.116
	WCDMA V	RMC 12.2Kbps	Top Edge	5mm	Ant 1	ECI 6	4182	836.4	24.47	24.70	1.054	0.01	0.392	0.413



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

[LTE SAR]

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 6	21100	2535	16.90	17.00	1.023			0.16	0.334	0.342
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 6	21100	2535	16.94	17.00	1.014			-0.12	0.372	0.377
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 6	21100	2535	16.90	17.00	1.023			-0.13	0.476	0.487
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 6	21100	2535	16.94	17.00	1.014			-0.11	0.519	0.526
	LTE Band 7	20M	QPSK	1	0	Left Edge	5mm	Ant 2	ECI 6	21100	2535	16.90	17.00	1.023			-0.13	0.024	0.025
	LTE Band 7	20M	QPSK	50	0	Left Edge	5mm	Ant 2	ECI 6	21100	2535	16.94	17.00	1.014			-0.19	0.024	0.024
	LTE Band 7	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	21100	2535	16.90	17.00	1.023			0.06	0.760	0.777
	LTE Band 7	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	21100	2535	16.94	17.00	1.014			0.17	0.790	0.801
	LTE Band 7	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	20850	2510	16.88	17.00	1.028			0.14	0.798	0.820
43	LTE Band 7	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	21350	2560	16.93	17.00	1.016			-0.03	0.832	0.845
	LTE Band 7	20M	QPSK	100	0	Right Edge	5mm	Ant 2	ECI 6	21100	2535	16.89	17.00	1.026			0.12	0.804	0.825
	LTE Band 7	20M	QPSK	1	0	Bottom Edge	5mm	Ant 2	ECI 6	21100	2535	16.90	17.00	1.023			-0.19	0.144	0.147
	LTE Band 7	20M	QPSK	50	0	Bottom Edge	5mm	Ant 2	ECI 6	21100	2535	16.94	17.00	1.014			-0.17	0.149	0.151
	LTE Band 7C	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	21350+21152	2560+2540.2	17	17	1.000			0.01	0.798	0.798
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	21100	2535	15.18	15.50	1.076			0.18	0.266	0.286
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 6	21100	2535	15.19	15.50	1.074			-0.13	0.275	0.295
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	21100	2535	15.18	15.50	1.076			0.19	0.399	0.429
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 6	21100	2535	15.19	15.50	1.074			-0.11	0.403	0.433
	LTE Band 7	20M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	21100	2535	15.18	15.50	1.076			-0.19	0.034	0.037
	LTE Band 7	20M	QPSK	50	0	Left Edge	5mm	Ant 0	ECI 6	21100	2535	15.19	15.50	1.074			0.06	0.035	0.038
	LTE Band 7	20M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	21100	2535	15.18	15.50	1.076			-0.08	0.031	0.033
	LTE Band 7	20M	QPSK	50	0	Right Edge	5mm	Ant 0	ECI 6	21100	2535	15.19	15.50	1.074			-0.19	0.032	0.034
	LTE Band 7	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	21100	2535	15.18	15.50	1.076			-0.09	0.731	0.787
	LTE Band 7	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	21100	2535	15.19	15.50	1.074			0.00	0.777	0.834
	LTE Band 7	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	20850	2510	15.05	15.50	1.109			-0.03	0.750	0.832
	LTE Band 7	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	21350	2560	15.16	15.50	1.081			0.04	0.757	0.818
	LTE Band 7	20M	QPSK	100	0	Bottom Edge	5mm	Ant 0	ECI 6	21100	2535	15.16	15.50	1.081			0.16	0.752	0.813
	LTE Band 7C	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	21350+21152	2560+2540.2	15.41	15.5	1.021			0.04	0.744	0.76
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	23095	707.5	23.37	23.50	1.03			-0.13	0.404	0.416
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 6	23095	707.5	23.43	23.50	1.016			-0.11	0.409	0.416
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	23095	707.5	23.37	23.50	1.03			0.05	0.606	0.624
44	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 6	23095	707.5	23.43	23.50	1.016			-0.02	0.623	0.633
	LTE Band 12	10M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	23095	707.5	23.37	23.50	1.03			-0.06	0.597	0.615
	LTE Band 12	10M	QPSK	25	0	Left Edge	5mm	Ant 0	ECI 6	23095	707.5	23.43	23.50	1.016			0.01	0.621	0.631
	LTE Band 12	10M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	23095	707.5	23.37	23.50	1.03			-0.04	0.267	0.275
	LTE Band 12	10M	QPSK	25	0	Right Edge	5mm	Ant 0	ECI 6	23095	707.5	23.43	23.50	1.016			-0.05	0.331	0.336
	LTE Band 12	10M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	23095	707.5	23.37	23.50	1.03			0.12	0.487	0.502
	LTE Band 12	10M	QPSK	25	0	Bottom Edge	5mm	Ant 0	ECI 6	23095	707.5	23.43	23.50	1.016			-0.17	0.586	0.595
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	23095	707.5	24.28	24.80	1.127			-0.01	0.317	0.357
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 6	23095	707.5	23.19	23.80	1.151			-0.05	0.271	0.312
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	23095	707.5	24.28	24.80	1.127			-0.10	0.537	0.605
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 6	23095	707.5	23.19	23.80	1.151			-0.19	0.379	0.436
	LTE Band 12	10M	QPSK	1	0	Left Edge	5mm	Ant 1	ECI 6	23095	707.5	24.28	24.80	1.127			-0.03	0.429	0.483
	LTE Band 12	10M	QPSK	25	0	Left Edge	5mm	Ant 1	ECI 6	23095	707.5	23.19	23.80	1.151			0.15	0.348	0.401
	LTE Band 12	10M	QPSK	1	0	Right Edge	5mm	Ant 1	ECI 6	23095	707.5	24.28	24.80	1.127			-0.00	0.152	0.171
	LTE Band 12	10M	QPSK	25	0	Right Edge	5mm	Ant 1	ECI 6	23095	707.5	23.19	23.80	1.151			0.17	0.125	0.144
	LTE Band 12	10M	QPSK	1	0	Top Edge	5mm	Ant 1	ECI 6	23095	707.5	24.28	24.80	1.127			0.00	0.361	0.407
	LTE Band 12	10M	QPSK	25	0	Top Edge	5mm	Ant 1	ECI 6	23095	707.5	23.19	23.80	1.151			0.05	0.302	0.348
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	23230	782	21.34	22.10	1.191			-0.17	0.329	0.392
	LTE Band 13	10M	QPSK	25	12	Front	5mm	Ant 0	ECI 6	23230	782	21.23	22.10	1.222			-0.18	0.312	0.381
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	23230	782	21.34	22.10	1.191			0.18	0.510	0.607
45	LTE Band 13	10M	QPSK	25	12	Back	5mm	Ant 0	ECI 6	23230	782	21.23	22.10	1.222			0.03	0.566	0.692
	LTE Band 13	10M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	23230	782	21.34	22.10	1.191			0.00	0.495	0.590
	LTE Band 13	10M	QPSK	25	12	Left Edge	5mm	Ant 0	ECI 6	23230	782	21.23	22.10	1.222			-0.15	0.377	0.461
	LTE Band 13	10M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	23230	782	21.34	22.10	1.191			0.14	0.184	0.219
	LTE Band 13	10M	QPSK	25	12	Right Edge	5mm	Ant 0	ECI 6	23230	782	21.23	22.10	1.222			-0.06	0.168	0.205
	LTE Band 13	10M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	23230	782	21.34	22.10	1.191			0.06	0.450	0.536
	LTE Band 13	10M	QPSK	25	12	Bottom Edge	5mm	Ant 0	ECI 6	23230	782	21.23	22.10	1.222			-0.13	0.451	0.551
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	23230	782	22.72	23.40	1.169			0.09	0.299	0.350
	LTE Band 13	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 6	23230	782	22.52	23.40	1.225			-0.03	0.228	0.279
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	23230	782	22.72	23.40	1.169			-0.03	0.418	0.489
	LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 6	23230	782	22.52	23.40	1.225			0.05	0.319	0.391
	LTE Band 13	10M	QPSK	1	0	Left Edge	5mm	Ant 1	ECI 6	23230	782	22.72	23.40	1.169			-0.01	0.510	0.596
	LTE Band 13	10M	QPSK	25	0	Left Edge	5mm	Ant 1	ECI 6	23230	782	22.52	23.40	1.225			-0.14	0.419	0.513
	LTE Band 13	10M	QPSK	1	0	Right Edge	5mm	Ant 1	ECI 6	23230	782	22.72	23.40	1.169			-0.04	0.122	0.143
	LTE Band 13	10M	QPSK	25	0	Right Edge	5mm	Ant 1	ECI 6	23230	782	22.52	23.40	1.225			0.03	0.093	0.114
	LTE Band 13	10M	QPSK	1	0	Top Edge	5mm	Ant 1	ECI 6	23230	782	22.72	23.40	1.169			-0.07	0.331	0.387
	LTE Band 13	10M	QPSK	25	0	Top Edge	5mm	Ant 1	ECI 6	23230	782	22.52	23.40	1.225			-0.10	0.248	0.304
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	23330	793	22.30	22.30	1.0			-0.02	0.502	0.502

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	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 6	23330	793	22.27	22.30	1.007			0.12	0.465	0.468
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	23330	793	22.30	22.30	1.0			0.03	0.723	0.723
46	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 6	23330	793	22.27	22.30	1.007			0.02	0.780	0.785
	LTE Band 14	10M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	23330	793	22.30	22.30	1.0			-0.00	0.634	0.634
	LTE Band 14	10M	QPSK	25	0	Left Edge	5mm	Ant 0	ECI 6	23330	793	22.27	22.30	1.007			-0.13	0.599	0.603
	LTE Band 14	10M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	23330	793	22.30	22.30	1.0			-0.01	0.256	0.256
	LTE Band 14	10M	QPSK	25	0	Right Edge	5mm	Ant 0	ECI 6	23330	793	22.27	22.30	1.007			0.09	0.236	0.238
	LTE Band 14	10M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	23330	793	22.30	22.30	1.0			0.14	0.677	0.677
	LTE Band 14	10M	QPSK	25	0	Bottom Edge	5mm	Ant 0	ECI 6	23330	793	22.27	22.30	1.007			0.02	0.670	0.675
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	23330	793	22.09	22.90	1.205			-0.02	0.260	0.313
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 6	23330	793	21.96	22.90	1.242			-0.15	0.243	0.302
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	23330	793	22.09	22.90	1.205			-0.12	0.379	0.457
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 6	23330	793	21.96	22.90	1.242			0.10	0.347	0.431
	LTE Band 14	10M	QPSK	1	0	Left Edge	5mm	Ant 1	ECI 6	23330	793	22.09	22.90	1.205			-0.01	0.494	0.595
	LTE Band 14	10M	QPSK	25	0	Left Edge	5mm	Ant 1	ECI 6	23330	793	21.96	22.90	1.242			-0.13	0.476	0.591
	LTE Band 14	10M	QPSK	1	0	Right Edge	5mm	Ant 1	ECI 6	23330	793	22.09	22.90	1.205			0.07	0.116	0.140
	LTE Band 14	10M	QPSK	25	0	Right Edge	5mm	Ant 1	ECI 6	23330	793	21.96	22.90	1.242			0.10	0.110	0.137
	LTE Band 14	10M	QPSK	1	0	Top Edge	5mm	Ant 1	ECI 6	23330	793	22.09	22.90	1.205			0.10	0.324	0.390
	LTE Band 14	10M	QPSK	25	0	Top Edge	5mm	Ant 1	ECI 6	23330	793	21.96	22.90	1.242			-0.00	0.296	0.368
	LTE Band 25	20M	QPSK	1	99	Front	5mm	Ant 2	ECI 6	26340	1880	18.66	18.90	1.057			-0.07	0.550	0.581
	LTE Band 25	20M	QPSK	50	50	Front	5mm	Ant 2	ECI 6	26340	1880	18.67	18.90	1.054			0.15	0.501	0.528
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 6	26340	1880	18.66	18.90	1.057			-0.03	0.521	0.551
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 2	ECI 6	26340	1880	18.67	18.90	1.054			-0.08	0.496	0.523
	LTE Band 25	20M	QPSK	1	99	Left Edge	5mm	Ant 2	ECI 6	26340	1880	18.66	18.90	1.057			-0.03	0.050	0.053
	LTE Band 25	20M	QPSK	50	50	Left Edge	5mm	Ant 2	ECI 6	26340	1880	18.67	18.90	1.054			-0.15	0.045	0.047
	LTE Band 25	20M	QPSK	1	99	Right Edge	5mm	Ant 2	ECI 6	26340	1880	18.66	18.90	1.057			0.01	0.668	0.706
	LTE Band 25	20M	QPSK	50	50	Right Edge	5mm	Ant 2	ECI 6	26340	1880	18.67	18.90	1.054			-0.00	0.594	0.626
	LTE Band 25	20M	QPSK	1	99	Bottom Edge	5mm	Ant 2	ECI 6	26340	1880	18.66	18.90	1.057			-0.06	0.176	0.186
	LTE Band 25	20M	QPSK	50	50	Bottom Edge	5mm	Ant 2	ECI 6	26340	1880	18.67	18.90	1.054			-0.18	0.166	0.175
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	26340	1880	14.71	14.80	1.021			0.11	0.502	0.513
	LTE Band 25	20M	QPSK	50	24	Front	5mm	Ant 0	ECI 6	26340	1880	14.68	14.80	1.028			-0.12	0.503	0.517
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	26340	1880	14.71	14.80	1.021			-0.12	0.596	0.609
	LTE Band 25	20M	QPSK	50	24	Back	5mm	Ant 0	ECI 6	26340	1880	14.68	14.80	1.028			-0.12	0.612	0.629
	LTE Band 25	20M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	26340	1880	14.71	14.80	1.021			-0.17	0.085	0.087
	LTE Band 25	20M	QPSK	50	24	Left Edge	5mm	Ant 0	ECI 6	26340	1880	14.68	14.80	1.028			-0.10	0.097	0.100
	LTE Band 25	20M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	26340	1880	14.71	14.80	1.021			0.05	0.017	0.017
	LTE Band 25	20M	QPSK	50	24	Right Edge	5mm	Ant 0	ECI 6	26340	1880	14.68	14.80	1.028			-0.15	0.017	0.017
	LTE Band 25	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	26340	1880	14.71	14.80	1.021			0.12	0.747	0.763
	LTE Band 25	20M	QPSK	50	24	Bottom Edge	5mm	Ant 0	ECI 6	26340	1880	14.68	14.80	1.028			0.03	0.778	0.800
	LTE Band 25	20M	QPSK	50	24	Bottom Edge	5mm	Ant 0	ECI 6	26140	1860	14.67	14.80	1.03			0.08	0.774	0.797
	LTE Band 25	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	26590	1905	14.65	14.80	1.035			-0.19	0.697	0.721
	LTE Band 25	20M	QPSK	100	0	Bottom Edge	5mm	Ant 0	ECI 6	26340	1880	14.66	14.80	1.033			-0.04	0.723	0.747
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	26340	1880	19.11	19.80	1.172			-0.07	0.302	0.354
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 6	26340	1880	19.07	19.80	1.183			-0.13	0.315	0.373
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	26340	1880	19.11	19.80	1.172			0.09	0.670	0.785
47	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	26340	1880	19.07	19.80	1.183			-0.12	0.698	0.826
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	26140	1860	19.07	19.80	1.183			0.13	0.669	0.791
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	26590	1905	18.91	19.80	1.227			0.12	0.670	0.822
	LTE Band 25	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 6	26340	1880	19.04	19.80	1.191			-0.03	0.664	0.791
	LTE Band 25	20M	QPSK	1	0	Left Edge	5mm	Ant 1	ECI 6	26340	1880	19.11	19.80	1.172			-0.15	0.205	0.240
	LTE Band 25	20M	QPSK	50	0	Left Edge	5mm	Ant 1	ECI 6	26340	1880	19.07	19.80	1.183			-0.15	0.212	0.251
	LTE Band 25	20M	QPSK	1	0	Right Edge	5mm	Ant 1	ECI 6	26340	1880	19.11	19.80	1.172			-0.18	0.006	0.007
	LTE Band 25	20M	QPSK	50	0	Right Edge	5mm	Ant 1	ECI 6	26340	1880	19.07	19.80	1.183			-0.10	0.009	0.011
	LTE Band 25	20M	QPSK	1	0	Top Edge	5mm	Ant 1	ECI 6	26340	1880	19.11	19.80	1.172			0.17	0.281	0.329
	LTE Band 25	20M	QPSK	50	0	Top Edge	5mm	Ant 1	ECI 6	26340	1880	19.07	19.80	1.183			-0.06	0.287	0.340
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 6	26340	1880	17.37	17.60	1.054			0.11	0.413	0.435
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 6	26340	1880	17.45	17.60	1.035			0.10	0.421	0.436
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 6	26340	1880	17.37	17.60	1.054			-0.13	0.598	0.630
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 6	26340	1880	17.45	17.60	1.035			-0.16	0.600	0.621
	LTE Band 25	20M	QPSK	1	0	Left Edge	5mm	Ant 5	ECI 6	26340	1880	17.37	17.60	1.054			-0.15	0.014	0.015
	LTE Band 25	20M	QPSK	50	0	Left Edge	5mm	Ant 5	ECI 6	26340	1880	17.45	17.60	1.035			0.05	0.016	0.017
	LTE Band 25	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	26340	1880	17.37	17.60	1.054			-0.00	0.648	0.683
	LTE Band 25	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	26340	1880	17.45	17.60	1.035			-0.03	0.709	0.734
	LTE Band 25	20M	QPSK	1	0	Top Edge	5mm	Ant 5	ECI 6	26340	1880	17.37	17.60	1.054			-0.05	0.132	0.139
	LTE Band 25	20M	QPSK	50	0	Top Edge	5mm	Ant 5	ECI 6	26340	1880	17.45	17.60	1.035			0.11	0.132	0.137
	LTE Band 26	15M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	26865	831.5	21.62	21.70	1.019			0.01	0.518	0.528
	LTE Band 26	15M	QPSK	36	0	Front	5mm	Ant 0	ECI 6	26865	831.5	21.45	21.70	1.059			-0.18	0.484	0.513
	LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	26865	831.5	21.62	21.70	1.019			-0.19	0.684	0.697
48	LTE Band 26	15M	QPSK	36	0	Back	5mm	Ant 0	ECI 6	26865	831.5	21.45	21.70	1.059			-0.01	0.740	0.784
	LTE Band 26	15M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	26865	831.5	21.62	21.70	1.019			-0.01	0.428	0.436
	LTE Band 26	15M	QPSK	36	0	Left Edge	5mm	Ant 0	ECI 6	26865	831.5	21.45	21.70	1.059			0.10	0.313	0.331
	LTE Band 26	15M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	26865	831.5	21.62	21.70	1.019			0.02	0.175	0.178
	LTE Band 26	15M	QPSK	36	0	Right Edge	5mm	Ant 0	ECI 6	26865	831.5	21.45	21.70	1.059			0.10	0.166	0.176



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	LTE Band 26	15M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	26865	831.5	21.62	21.70	1.019			0.02	0.636	0.648
	LTE Band 26	15M	QPSK	36	0	Bottom Edge	5mm	Ant 0	ECI 6	26865	831.5	21.45	21.70	1.059			0.03	0.670	0.710
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 0	ECI 6	20475+20574	831.5+841.4	21.59	21.7	1.026			0.06	0.728	0.747
	LTE Band 26	15M	QPSK	1	74	Front	5mm	Ant 1	ECI 6	26865	831.5	23.55	24.20	1.161			0.11	0.211	0.245
	LTE Band 26	15M	QPSK	36	39	Front	5mm	Ant 1	ECI 6	26865	831.5	23.27	23.70	1.104			-0.13	0.166	0.183
	LTE Band 26	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 6	26865	831.5	23.55	24.20	1.161			-0.15	0.420	0.488
	LTE Band 26	15M	QPSK	36	39	Back	5mm	Ant 1	ECI 6	26865	831.5	23.27	23.70	1.104			0.13	0.345	0.381
	LTE Band 26	15M	QPSK	1	74	Left Edge	5mm	Ant 1	ECI 6	26865	831.5	23.55	24.20	1.161			-0.13	0.316	0.367
	LTE Band 26	15M	QPSK	36	39	Left Edge	5mm	Ant 1	ECI 6	26865	831.5	23.27	23.70	1.104			0.09	0.277	0.306
	LTE Band 26	15M	QPSK	1	74	Right Edge	5mm	Ant 1	ECI 6	26865	831.5	23.55	24.20	1.161			0.11	0.120	0.139
	LTE Band 26	15M	QPSK	36	39	Right Edge	5mm	Ant 1	ECI 6	26865	831.5	23.27	23.70	1.104			0.09	0.109	0.120
	LTE Band 26	15M	QPSK	1	74	Top Edge	5mm	Ant 1	ECI 6	26865	831.5	23.55	24.20	1.161			0.07	0.396	0.460
	LTE Band 26	15M	QPSK	36	39	Top Edge	5mm	Ant 1	ECI 6	26865	831.5	23.27	23.70	1.104			-0.08	0.305	0.337
	LTE Band 5B	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	20600+20501	844+834.1	23.44	24.2	1.191			0.07	0.401	0.478
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 2	ECI 6	27710	2310	17.37	17.60	1.054			0.04	0.356	0.375
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 2	ECI 6	27710	2310	17.23	17.60	1.089			-0.11	0.255	0.278
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 2	ECI 6	27710	2310	17.37	17.60	1.054			-0.01	0.497	0.524
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 2	ECI 6	27710	2310	17.23	17.60	1.089			0.14	0.474	0.516
	LTE Band 30	10M	QPSK	1	0	Left Edge	5mm	Ant 2	ECI 6	27710	2310	17.37	17.60	1.054			-0.14	0.012	0.013
	LTE Band 30	10M	QPSK	25	0	Left Edge	5mm	Ant 2	ECI 6	27710	2310	17.23	17.60	1.089			-0.19	0.001	0.001
	LTE Band 30	10M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	27710	2310	17.37	17.60	1.054			-0.00	0.687	0.724
	LTE Band 30	10M	QPSK	25	0	Right Edge	5mm	Ant 2	ECI 6	27710	2310	17.23	17.60	1.089			-0.09	0.663	0.722
	LTE Band 30	10M	QPSK	1	0	Bottom Edge	5mm	Ant 2	ECI 6	27710	2310	17.37	17.60	1.054			0.09	0.151	0.159
	LTE Band 30	10M	QPSK	25	0	Bottom Edge	5mm	Ant 2	ECI 6	27710	2310	17.23	17.60	1.089			-0.15	0.154	0.168
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	27710	2310	15.07	15.30	1.054			0.15	0.273	0.288
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 6	27710	2310	14.96	15.30	1.081			-0.05	0.296	0.320
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	27710	2310	15.07	15.30	1.054			0.03	0.425	0.448
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 6	27710	2310	14.96	15.30	1.081			-0.04	0.432	0.467
	LTE Band 30	10M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	27710	2310	15.07	15.30	1.054			-0.05	0.028	0.030
	LTE Band 30	10M	QPSK	25	0	Left Edge	5mm	Ant 0	ECI 6	27710	2310	14.96	15.30	1.081			-0.01	0.034	0.037
	LTE Band 30	10M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	27710	2310	15.07	15.30	1.054			-0.04	0.025	0.026
	LTE Band 30	10M	QPSK	25	0	Right Edge	5mm	Ant 0	ECI 6	27710	2310	14.96	15.30	1.081			-0.11	0.001	0.001
49	LTE Band 30	10M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	27710	2310	15.07	15.30	1.054			0.02	0.738	0.778
	LTE Band 30	10M	QPSK	25	0	Bottom Edge	5mm	Ant 0	ECI 6	27710	2310	14.96	15.30	1.081			-0.07	0.649	0.702
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 6	132322	1745	20.40	20.40	1.0			0.13	0.519	0.519
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 6	132322	1745	20.35	20.40	1.012			-0.01	0.518	0.524
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 6	132322	1745	20.40	20.40	1.0			-0.12	0.537	0.537
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 6	132322	1745	20.35	20.40	1.012			-0.03	0.558	0.565
	LTE Band 66	20M	QPSK	1	0	Left Edge	5mm	Ant 2	ECI 6	132322	1745	20.40	20.40	1.0			0.17	0.075	0.075
	LTE Band 66	20M	QPSK	50	0	Left Edge	5mm	Ant 2	ECI 6	132322	1745	20.35	20.40	1.012			-0.09	0.076	0.077
	LTE Band 66	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	132322	1745	20.40	20.40	1.0			-0.18	0.707	0.707
	LTE Band 66	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	132322	1745	20.35	20.40	1.012			0.02	0.716	0.725
	LTE Band 66	20M	QPSK	1	0	Bottom Edge	5mm	Ant 2	ECI 6	132322	1745	20.40	20.40	1.0			0.06	0.351	0.351
	LTE Band 66	20M	QPSK	50	0	Bottom Edge	5mm	Ant 2	ECI 6	132322	1745	20.35	20.40	1.012			-0.06	0.350	0.354
	LTE Band 66B	15M	QPSK	1	74	Right Edge	5mm	Ant 2	ECI 6	132047+132140	1717.5+1726.8	20.39	20.4	1.002			0.04	0.711	0.712
	LTE Band 66C	20M	QPSK	1	99	Right Edge	5mm	Ant 2	ECI 6	132072+132270	1720+1739.8	20.36	20.4	1.009			-0.01	0.715	0.721
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	132322	1745	14.83	14.90	1.016			-0.03	0.468	0.475
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 6	132322	1745	14.81	14.90	1.021			-0.08	0.461	0.471
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	132322	1745	14.83	14.90	1.016			0.15	0.563	0.572
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 6	132322	1745	14.81	14.90	1.021			-0.13	0.547	0.558
	LTE Band 66	20M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	132322	1745	14.83	14.90	1.016			0.02	0.103	0.105
	LTE Band 66	20M	QPSK	50	0	Left Edge	5mm	Ant 0	ECI 6	132322	1745	14.81	14.90	1.021			0.19	0.100	0.102
	LTE Band 66	20M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	132322	1745	14.83	14.90	1.016			-0.01	0.015	0.015
	LTE Band 66	20M	QPSK	50	0	Right Edge	5mm	Ant 0	ECI 6	132322	1745	14.81	14.90	1.021			-0.02	0.015	0.015
	LTE Band 66	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	132322	1745	14.83	14.90	1.016			0.07	0.824	0.837
	LTE Band 66	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	132072	1720	14.80	14.90	1.023			0.19	0.783	0.801
	LTE Band 66	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	132572	1770	14.81	14.90	1.021			0.07	0.811	0.828
	LTE Band 66	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	132322	1745	14.81	14.90	1.021			0.07	0.819	0.836
	LTE Band 66	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	132072	1720	14.77	14.90	1.03			-0.15	0.800	0.824
50	LTE Band 66	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	132572	1770	14.80	14.90	1.023			-0.03	0.829	0.848
	LTE Band 66	20M	QPSK	100	0	Bottom Edge	5mm	Ant 0	ECI 6	132322	1745	14.83	14.90	1.016			-0.10	0.815	0.828
	LTE Band 66B	15M	QPSK	1	74	Right Edge	5mm	Ant 0	ECI 6	132047+132140	1717.5+1726.8	14.88	14.9	1.005			0.09	0.788	0.792
	LTE Band 66C	20M	QPSK	1	99	Right Edge	5mm	Ant 0	ECI 6	132072+132270	1720+1739.8	14.86	14.9	1.009			-0.04	0.790	0.797
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 6	132572	1770	21.10	21.20	1.023			-0.11	0.434	0.444
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 6	132572	1770	21.03	21.20	1.04			-0.02	0.419	0.436
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 6	132572	1770	21.10	21.20	1.023			-0.06	0.806	0.825
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 6	132072	1720	20.95	21.20	1.059			0.09	0.662	0.701
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 6	132322	1745	20.95	21.20	1.059			0.19	0.573	0.607
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 6	132572	1770	21.03	21.20	1.04			0.15	0.776	0.807
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 6	132072	1720	20.90	21.20	1.072			-0.02	0.597	0.640
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 6	132322	1745	20.94	21.20	1.062			0.08	0.560	0.595
	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 6	132572	1770	21.03	21.20	1.04			-0.12	0.730	0.759
	LTE Band 66	20M	QPSK	1	99	Left Edge	5mm	Ant 1	ECI 6	132572	1770	21.10	21.20	1.023			0.03	0.295	0.302



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	LTE Band 66	20M	QPSK	50	50	Left Edge	5mm	Ant 1	ECI 6	132572	1770	21.03	21.20	1.04			-0.08	0.283	0.294
	LTE Band 66	20M	QPSK	1	99	Right Edge	5mm	Ant 1	ECI 6	132572	1770	21.10	21.20	1.023			-0.06	0.051	0.052
	LTE Band 66	20M	QPSK	50	50	Right Edge	5mm	Ant 1	ECI 6	132572	1770	21.03	21.20	1.04			0.19	0.048	0.050
	LTE Band 66	20M	QPSK	1	99	Top Edge	5mm	Ant 1	ECI 6	132572	1770	21.10	21.20	1.023			-0.01	0.316	0.323
	LTE Band 66	20M	QPSK	50	50	Top Edge	5mm	Ant 1	ECI 6	132572	1770	21.03	21.20	1.04			0.19	0.294	0.306
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	132597+132504	1772.5+1763.2	21.11	21.2	1.021			-0.02	0.777	0.793
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	132572+132374	1770+1750.2	21.07	21.2	1.030			0.05	0.775	0.798
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.16	0.360	0.397
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.17	0.381	0.420
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.00	0.468	0.516
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			0.18	0.438	0.483
	LTE Band 66	20M	QPSK	1	99	Left Edge	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.15	0.016	0.018
	LTE Band 66	20M	QPSK	50	50	Left Edge	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			0.19	0.021	0.023
	LTE Band 66	20M	QPSK	1	99	Right Edge	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			0.02	0.669	0.737
	LTE Band 66	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.01	0.671	0.739
	LTE Band 66	20M	QPSK	1	99	Top Edge	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.18	0.138	0.152
	LTE Band 66	20M	QPSK	50	50	Top Edge	5mm	Ant 5	ECI 6	132572	1770	16.68	17.10	1.102			-0.08	0.148	0.163
	LTE Band 66B	15M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	132597+132504	1772.5+1763.2	16.89	17.1	1.050			0.04	0.666	0.699
	LTE Band 66C	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	132572+132374	1770+1750.2	16.9	17.1	1.047			-0.06	0.669	0.7
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	133297	680.5	23.34	23.90	1.138			-0.11	0.318	0.362
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 6	133297	680.5	23.41	23.90	1.119			-0.06	0.316	0.354
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	133297	680.5	23.34	23.90	1.138			-0.10	0.537	0.611
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 6	133297	680.5	23.41	23.90	1.119			0.00	0.549	0.614
	LTE Band 71	20M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	133297	680.5	23.34	23.90	1.138			-0.18	0.544	0.619
51	LTE Band 71	20M	QPSK	50	0	Left Edge	5mm	Ant 0	ECI 6	133297	680.5	23.41	23.90	1.119			0.01	0.563	0.630
	LTE Band 71	20M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	133297	680.5	23.34	23.90	1.138			0.14	0.217	0.247
	LTE Band 71	20M	QPSK	50	0	Right Edge	5mm	Ant 0	ECI 6	133297	680.5	23.41	23.90	1.119			-0.18	0.231	0.258
	LTE Band 71	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	133297	680.5	23.34	23.90	1.138			-0.17	0.396	0.451
	LTE Band 71	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	133297	680.5	23.41	23.90	1.119			0.16	0.416	0.466
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	133297	680.5	24.15	24.80	1.161			0.02	0.315	0.366
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 6	133297	680.5	23.15	23.80	1.161			-0.12	0.262	0.304
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	133297	680.5	24.15	24.80	1.161			0.00	0.461	0.535
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	133297	680.5	23.15	23.80	1.161			-0.06	0.383	0.445
	LTE Band 71	20M	QPSK	1	0	Left Edge	5mm	Ant 1	ECI 6	133297	680.5	24.15	24.80	1.161			0.01	0.467	0.542
	LTE Band 71	20M	QPSK	50	0	Left Edge	5mm	Ant 1	ECI 6	133297	680.5	23.15	23.80	1.161			0.12	0.376	0.437
	LTE Band 71	20M	QPSK	1	0	Right Edge	5mm	Ant 1	ECI 6	133297	680.5	24.15	24.80	1.161			0.01	0.136	0.158
	LTE Band 71	20M	QPSK	50	0	Right Edge	5mm	Ant 1	ECI 6	133297	680.5	23.15	23.80	1.161			0.02	0.117	0.136
	LTE Band 71	20M	QPSK	1	0	Top Edge	5mm	Ant 1	ECI 6	133297	680.5	24.15	24.80	1.161			0.01	0.304	0.353
	LTE Band 71	20M	QPSK	50	0	Top Edge	5mm	Ant 1	ECI 6	133297	680.5	23.15	23.80	1.161			-0.03	0.247	0.287
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.04	0.327	0.334
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.01	0.306	0.312
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	0.00	0.443	0.452
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.05	0.455	0.464
	LTE Band 41	20M	QPSK	1	0	Left Edge	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.15	0.014	0.014
	LTE Band 41	20M	QPSK	50	0	Left Edge	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	0.00	0.012	0.012
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	0.02	0.672	0.685
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	39750	2506	18.91	19.10	1.045	62.9	1.006	0.09	0.802	0.843
52	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	40185	2549.5	18.90	19.10	1.047	62.9	1.006	-0.01	0.802	0.845
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	40620	2593	18.96	19.10	1.033	62.9	1.006	0.18	0.742	0.771
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	41490	2680	18.92	19.10	1.042	62.9	1.006	0.16	0.714	0.748
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	0.03	0.680	0.694
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	39750	2506	18.92	19.10	1.042	62.9	1.006	-0.13	0.789	0.827
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	40185	2549.5	18.91	19.10	1.045	62.9	1.006	-0.08	0.801	0.842
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	40620	2593	18.98	19.10	1.028	62.9	1.006	-0.02	0.742	0.767
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	41490	2680	18.93	19.10	1.04	62.9	1.006	0.01	0.704	0.737
	LTE Band 41	20M	QPSK	100	0	Right Edge	5mm	Ant 2	ECI 6	41055	2636.5	18.94	19.10	1.038	62.9	1.006	-0.17	0.653	0.682
	LTE Band 41	20M	QPSK	1	0	Bottom Edge	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.05	0.143	0.146
	LTE Band 41	20M	QPSK	50	0	Bottom Edge	5mm	Ant 2	ECI 6	41055	2636.5	19.04	19.10	1.014	62.9	1.006	0.02	0.139	0.142
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	41055	2636.5	20.70	20.70	1.0	42.9	1.009	-0.17	0.648	0.654
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	39750	2506	20.59	20.70	1.026	42.9	1.009	0.08	0.764	0.791
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	40185	2549.5	20.64	20.70	1.014	42.9	1.009	0.08	0.781	0.799
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	40620	2593	20.69	20.70	1.002	42.9	1.009	-0.04	0.709	0.717
	LTE Band 41_HPUE	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	41490	2680	20.61	20.70	1.021	42.9	1.009	-0.07	0.712	0.733
	LTE Band 41C	20M	QPSK	1	0	Right Edge	5mm	Ant 2	ECI 6	40620+40422	2593+2573.2	19.05	19.1	1.012	62.9	1.006	0.04	0.777	0.791
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 6	40185	2549.5	17.53	17.70	1.04	62.9	1.006	-0.13	0.300	0.314
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 6	40185	2549.5	17.56	17.70	1.033	62.9	1.006	0.00	0.296	0.308
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 6	40185	2549.5	17.53	17.70	1.04	62.9	1.006	-0.19	0.403	0.422
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 6	40185	2549.5	17.56	17.70	1.033	62.9	1.006	-0.09	0.401	0.417
	LTE Band 41	20M	QPSK	1	0	Left Edge	5mm	Ant 0	ECI 6	40185	2549.5	17.53	17.70	1.04	62.9	1.006	-0.05	0.040	0.042
	LTE Band 41	20M	QPSK	50	0	Left Edge	5mm	Ant 0	ECI 6	40185	2549.5	17.56	17.70	1.033	62.9	1.006	-0.09	0.039	0.041
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 0	ECI 6	40185	2549.5	17.53	17.70	1.04	62.9	1.006	0.17	0.026	0.027
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 0	ECI 6	40185	2549.5	17.56							



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	LTE Band 41	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	39750	2506	17.42	17.70	1.067	62.9	1.006	0.09	0.644	0.691
	LTE Band 41	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	40620	2593	17.47	17.70	1.054	62.9	1.006	0.11	0.594	0.630
	LTE Band 41	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	41055	2636.5	17.45	17.70	1.059	62.9	1.006	0.02	0.558	0.594
	LTE Band 41	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	41490	2680	17.34	17.70	1.086	62.9	1.006	-0.03	0.654	0.715
	LTE Band 41	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	40185	2549.5	17.56	17.70	1.033	62.9	1.006	-0.03	0.712	0.740
	LTE Band 41	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	39750	2506	17.44	17.70	1.062	62.9	1.006	0.18	0.665	0.710
	LTE Band 41	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	40620	2593	17.47	17.70	1.054	62.9	1.006	-0.07	0.597	0.633
	LTE Band 41	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	41055	2636.5	17.47	17.70	1.054	62.9	1.006	0.07	0.564	0.598
	LTE Band 41	20M	QPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	41490	2680	17.35	17.70	1.084	62.9	1.006	-0.10	0.670	0.731
	LTE Band 41_HPUE	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	40185	2549.5	19.10	19.30	1.047	42.9	1.009	-0.17	0.635	0.671
	LTE Band 41_HPUE	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	39750	2506	18.94	19.30	1.086	42.9	1.009	-0.04	0.549	0.602
	LTE Band 41_HPUE	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	40620	2593	19.01	19.30	1.069	42.9	1.009	0.15	0.522	0.563
	LTE Band 41_HPUE	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	41055	2636.5	19.02	19.30	1.067	42.9	1.009	-0.03	0.485	0.522
	LTE Band 41_HPUE	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	41490	2680	18.87	19.30	1.104	42.9	1.009	0.03	0.561	0.625
	LTE Band 41C	20M	QPSK	1	0	Bottom Edge	5mm	Ant 0	ECI 6	40620+40422	2593+2573.2	17.47	17.7	1.054	62.9	1.006	0.03	0.666	0.706
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	41055	2636.5	21.70	22.40	1.175	62.9	1.006	0.12	0.521	0.616
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	39750	2506	21.55	22.40	1.216	62.9	1.006	-0.01	0.361	0.442
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	40185	2549.5	21.63	22.40	1.194	62.9	1.006	0.14	0.498	0.598
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	40620	2593	21.59	22.40	1.205	62.9	1.006	-0.15	0.387	0.469
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 6	41490	2680	21.68	22.40	1.180	62.9	1.006	0.07	0.451	0.535
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 6	41055	2636.5	21.75	22.40	1.161	62.9	1.006	0.09	0.509	0.594
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	41055	2636.5	21.70	22.40	1.175	62.9	1.006	-0.02	0.648	0.766
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	39750	2506	21.55	22.40	1.216	62.9	1.006	-0.12	0.493	0.603
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	40185	2549.5	21.63	22.40	1.194	62.9	1.006	-0.04	0.637	0.765
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	40620	2593	21.59	22.40	1.205	62.9	1.006	-0.05	0.521	0.632
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	41490	2680	21.68	22.40	1.180	62.9	1.006	0.07	0.588	0.698
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	41055	2636.5	21.75	22.40	1.161	62.9	1.006	0.15	0.704	0.822
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	39750	2506	21.54	22.40	1.219	62.9	1.006	0.02	0.535	0.656
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	40185	2549.5	21.56	22.40	1.213	62.9	1.006	-0.09	0.672	0.820
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	40620	2593	21.49	22.40	1.233	62.9	1.006	0.19	0.565	0.701
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	41490	2680	21.53	22.40	1.222	62.9	1.006	-0.13	0.639	0.786
	LTE Band 41	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 6	41055	2636.5	21.56	22.40	1.213	62.9	1.006	0.14	0.540	0.659
	LTE Band 41	20M	QPSK	1	0	Left Edge	5mm	Ant 1	ECI 6	41055	2636.5	21.70	22.40	1.175	62.9	1.006	-0.01	0.138	0.163
	LTE Band 41	20M	QPSK	50	0	Left Edge	5mm	Ant 1	ECI 6	41055	2636.5	21.75	22.40	1.161	62.9	1.006	0.01	0.140	0.164
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 1	ECI 6	41055	2636.5	21.70	22.40	1.175	62.9	1.006	0.19	0.001	0.001
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 1	ECI 6	41055	2636.5	21.75	22.40	1.161	62.9	1.006	0.07	0.001	0.001
	LTE Band 41	20M	QPSK	1	0	Top Edge	5mm	Ant 1	ECI 6	41055	2636.5	21.70	22.40	1.175	62.9	1.006	0.12	0.394	0.466
	LTE Band 41	20M	QPSK	50	0	Top Edge	5mm	Ant 1	ECI 6	41055	2636.5	21.75	22.40	1.161	62.9	1.006	-0.04	0.506	0.591
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	41055	2636.5	23.39	24.00	1.151	42.9	1.009	-0.08	0.681	0.791
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	39750	2506	23.31	24.00	1.172	42.9	1.009	0.11	0.524	0.620
	LTE Band 41_HPUE	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 6	40185	2549.5	23.29	24.00	1.178	42.9	1.009	0.06	0.658	0.782
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	40620	2593	23.25	24.00	1.189	42.9	1.009	-0.13	0.552	0.662
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 6	41490	2680	23.24	24.00	1.191	42.9	1.009	-0.05	0.611	0.734
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 6	41490+41292	2680+2660.2	21.76	22.40	1.159	62.9	1.006	0.04	0.666	0.777
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 6	41055	2636.5	17.48	17.80	1.076	62.9	1.006	-0.14	0.298	0.323
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 6	41055	2636.5	17.51	17.80	1.069	62.9	1.006	0.04	0.296	0.318
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 6	41055	2636.5	17.48	17.80	1.076	62.9	1.006	0.13	0.444	0.481
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 6	41055	2636.5	17.51	17.80	1.069	62.9	1.006	-0.08	0.495	0.532
	LTE Band 41	20M	QPSK	1	0	Left Edge	5mm	Ant 5	ECI 6	41055	2636.5	17.48	17.80	1.076	62.9	1.006	-0.15	0.008	0.009
	LTE Band 41	20M	QPSK	50	0	Left Edge	5mm	Ant 5	ECI 6	41055	2636.5	17.51	17.80	1.069	62.9	1.006	-0.14	0.008	0.009
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	41055	2636.5	17.48	17.80	1.076	62.9	1.006	-0.06	0.656	0.710
	LTE Band 41	20M	QPSK	1	99	Right Edge	5mm	Ant 5	ECI 6	39750	2506	17.39	17.80	1.099	62.9	1.006	0.17	0.656	0.725
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	40185	2549.5	17.42	17.80	1.091	62.9	1.006	-0.10	0.665	0.730
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	40620	2593	17.37	17.80	1.104	62.9	1.006	0.17	0.702	0.780
	LTE Band 41	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	41490	2680	17.27	17.80	1.13	62.9	1.006	0.16	0.691	0.786
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	41055	2636.5	17.51	17.80	1.069	62.9	1.006	-0.14	0.654	0.703
	LTE Band 41	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	39750	2506	17.37	17.80	1.104	62.9	1.006	-0.09	0.644	0.715
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	40185	2549.5	17.41	17.80	1.094	62.9	1.006	-0.03	0.668	0.735
	LTE Band 41	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	40620	2593	17.33	17.80	1.114	62.9	1.006	-0.03	0.702	0.787
	LTE Band 41	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	41490	2680	17.25	17.80	1.135	62.9	1.006	0.14	0.661	0.755
	LTE Band 41	20M	QPSK	1	0	Top Edge	5mm	Ant 5	ECI 6	41055	2636.5	17.48	17.80	1.076	62.9	1.006	-0.06	0.176	0.191
	LTE Band 41	20M	QPSK	50	0	Top Edge	5mm	Ant 5	ECI 6	41055	2636.5	17.51	17.80	1.069	62.9	1.006	0.01	0.174	0.187
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	41055	2636.5	19.10	19.40	1.072	42.9	1.009	-0.09	0.627	0.678
	LTE Band 41_HPUE	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	39750	2506	19.00	19.40	1.096	42.9	1.009	-0.18	0.634	0.701
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	40185	2549.5	19.03	19.40	1.089	42.9	1.009	0.07	0.651	0.715
	LTE Band 41_HPUE	20M	QPSK	50	0	Right Edge	5mm	Ant 5	ECI 6	40620	2593	18.92	19.40	1.117	42.9	1.009	-0.05	0.696	0.784
	LTE Band 41_HPUE	20M	QPSK	50	24	Right Edge	5mm	Ant 5	ECI 6	41490	2680	18.82	19.40	1.143	42.9	1.009	0.15	0.669	0.772
	LTE Band 41C	20M	QPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	40185+39987	2549.5+2529.7	17.63	17.8	1.040	62.9	1.006	0.05	0.699	0.731
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 6	ECI 6	56640	3690	18.76	19.00	1.057	62.9	1.006	-0.00	0.468	0.498
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 6	ECI 6										



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	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 6	ECI 6	55340	3560	18.56	19.00	1.107	62.9	1.006	-0.01	0.682	0.760
	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 6	ECI 6	55830	3609	18.64	19.00	1.086	62.9	1.006	-0.10	0.604	0.660
	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 6	ECI 6	55990	3625	18.58	19.00	1.102	62.9	1.006	0.01	0.581	0.644
	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 6	ECI 6	56150	3641	18.63	19.00	1.089	62.9	1.006	-0.14	0.568	0.622
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 6	ECI 6	56640	3690	18.76	19.00	1.057	62.9	1.006	-0.11	0.080	0.085
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 6	ECI 6	56640	3690	18.72	19.00	1.067	62.9	1.006	-0.13	0.083	0.089
	LTE Band 48	20M	QPSK	1	99	Bottom Edge	5mm	Ant 6	ECI 6	56640	3690	18.76	19.00	1.057	62.9	1.006	-0.11	0.543	0.577
	LTE Band 48	20M	QPSK	50	50	Bottom Edge	5mm	Ant 6	ECI 6	56640	3690	18.72	19.00	1.067	62.9	1.006	-0.03	0.545	0.585
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 7	ECI 6	56640	3690	18.02	18.10	1.019	62.9	1.006	-0.13	0.263	0.270
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 7	ECI 6	56640	3690	17.99	18.10	1.026	62.9	1.006	-0.06	0.226	0.233
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 7	ECI 6	56640	3690	18.02	18.10	1.019	62.9	1.006	-0.13	0.361	0.370
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 7	ECI 6	56640	3690	17.99	18.10	1.026	62.9	1.006	0.17	0.347	0.358
	LTE Band 48	20M	QPSK	1	99	Left Edge	5mm	Ant 7	ECI 6	56640	3690	18.02	18.10	1.019	62.9	1.006	0.00	0.003	0.003
	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 7	ECI 6	56640	3690	17.99	18.10	1.026	62.9	1.006	0.05	0.001	0.001
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 7	ECI 6	56640	3690	18.02	18.10	1.019	62.9	1.006	0.07	0.585	0.600
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 7	ECI 6	55340	3560	17.91	18.10	1.045	62.9	1.006	0.05	0.685	0.720
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 7	ECI 6	55830	3609	17.87	18.10	1.054	62.9	1.006	0.10	0.694	0.736
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 7	ECI 6	55990	3625	17.88	18.10	1.052	62.9	1.006	-0.10	0.729	0.772
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 7	ECI 6	56150	3641	17.93	18.10	1.04	62.9	1.006	-0.07	0.754	0.789
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 7	ECI 6	56640	3690	17.99	18.10	1.026	62.9	1.006	0.10	0.730	0.753
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 7	ECI 6	55340	3560	17.89	18.10	1.05	62.9	1.006	0.18	0.601	0.635
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 7	ECI 6	55830	3609	17.83	18.10	1.064	62.9	1.006	0.15	0.707	0.757
	LTE Band 48	20M	QPSK	50	24	Right Edge	5mm	Ant 7	ECI 6	55990	3625	17.78	18.10	1.076	62.9	1.006	0.18	0.654	0.708
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 7	ECI 6	56150	3641	17.86	18.10	1.057	62.9	1.006	0.14	0.722	0.768
	LTE Band 48	20M	QPSK	1	99	Bottom Edge	5mm	Ant 7	ECI 6	56640	3690	18.02	18.10	1.019	62.9	1.006	0.08	0.072	0.074
	LTE Band 48	20M	QPSK	50	50	Bottom Edge	5mm	Ant 7	ECI 6	56640	3690	17.99	18.10	1.026	62.9	1.006	-0.03	0.069	0.071
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 6	56640	3690	17.07	17.10	1.007	62.9	1.006	-0.07	0.240	0.243
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 6	56640	3690	16.99	17.10	1.026	62.9	1.006	-0.04	0.238	0.246
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 6	56640	3690	17.07	17.10	1.007	62.9	1.006	-0.09	0.351	0.356
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 6	56640	3690	16.99	17.10	1.026	62.9	1.006	0.05	0.354	0.365
	LTE Band 48	20M	QPSK	1	99	Left Edge	5mm	Ant 1	ECI 6	56640	3690	17.07	17.10	1.007	62.9	1.006	0.11	0.557	0.564
	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 1	ECI 6	56640	3690	16.99	17.10	1.026	62.9	1.006	0.16	0.561	0.579
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 1	ECI 6	56640	3690	17.07	17.10	1.007	62.9	1.006	0.08	0.057	0.058
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 1	ECI 6	56640	3690	16.99	17.10	1.026	62.9	1.006	-0.05	0.074	0.076
	LTE Band 48	20M	QPSK	1	99	Top Edge	5mm	Ant 1	ECI 6	56640	3690	17.07	17.10	1.007	62.9	1.006	-0.00	0.401	0.406
	LTE Band 48	20M	QPSK	50	50	Top Edge	5mm	Ant 1	ECI 6	56640	3690	16.99	17.10	1.026	62.9	1.006	0.13	0.377	0.389
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 6	55340	3560	21.55	21.90	1.084	62.9	1.006	-0.15	0.346	0.377
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 6	55340	3560	21.40	21.90	1.122	62.9	1.006	-0.17	0.355	0.401
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 6	55340	3560	21.55	21.90	1.084	62.9	1.006	-0.17	0.598	0.652
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 6	55830	3609	21.54	21.90	1.086	62.9	1.006	0.15	0.617	0.674
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 6	56150	3641	21.46	21.90	1.107	62.9	1.006	0.15	0.640	0.713
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 6	56640	3690	21.29	21.90	1.151	62.9	1.006	0.10	0.600	0.695
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 6	55340	3560	21.40	21.90	1.122	62.9	1.006	0.01	0.654	0.738
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 6	55830	3609	21.39	21.90	1.125	62.9	1.006	0.15	0.665	0.753
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 6	56150	3641	21.33	21.90	1.14	62.9	1.006	0.07	0.640	0.734
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 6	56640	3690	21.21	21.90	1.172	62.9	1.006	-0.06	0.635	0.749
	LTE Band 48	20M	QPSK	100	0	Back	5mm	Ant 5	ECI 6	55340	3560	21.35	21.90	1.135	62.9	1.006	-0.10	0.648	0.740
	LTE Band 48	20M	QPSK	1	99	Left Edge	5mm	Ant 5	ECI 6	55340	3560	21.55	21.90	1.084	62.9	1.006	-0.15	0.010	0.011
	LTE Band 48	20M	QPSK	50	50	Left Edge	5mm	Ant 5	ECI 6	55340	3560	21.40	21.90	1.122	62.9	1.006	0.09	0.008	0.009
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 5	ECI 6	55340	3560	21.55	21.90	1.084	62.9	1.006	0.03	0.577	0.629
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 5	ECI 6	55830	3609	21.54	21.90	1.086	62.9	1.006	-0.17	0.654	0.715
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 5	ECI 6	56150	3641	21.46	21.90	1.107	62.9	1.006	0.08	0.559	0.623
	LTE Band 48	20M	QPSK	1	99	Right Edge	5mm	Ant 5	ECI 6	56640	3690	21.29	21.90	1.151	62.9	1.006	0.05	0.464	0.537
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	55340	3560	21.40	21.90	1.122	62.9	1.006	-0.18	0.600	0.677
53	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	55830	3609	21.39	21.90	1.125	62.9	1.006	-0.12	0.712	0.806
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	56150	3641	21.33	21.90	1.14	62.9	1.006	-0.02	0.560	0.642
	LTE Band 48	20M	QPSK	50	50	Right Edge	5mm	Ant 5	ECI 6	56640	3690	21.21	21.90	1.172	62.9	1.006	0.09	0.474	0.559
	LTE Band 48	20M	QPSK	100	0	Right Edge	5mm	Ant 5	ECI 6	55340	3560	21.35	21.90	1.135	62.9	1.006	-0.18	0.554	0.633
	LTE Band 48	20M	QPSK	1	99	Top Edge	5mm	Ant 5	ECI 6	55340	3560	21.55	21.90	1.084	62.9	1.006	-0.03	0.156	0.170
	LTE Band 48	20M	QPSK	50	50	Top Edge	5mm	Ant 5	ECI 6	55340	3560	21.40	21.90	1.122	62.9	1.006	-0.05	0.148	0.167

【FR1 SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n7	50M	BPSK	1	135	Front	5mm	Ant 2	ECI 6	507000	2535	16.62	17.00	1.091	0.15	0.371	0.405
	FR1 n7	50M	BPSK	135	135	Front	5mm	Ant 2	ECI 6	507000	2535	16.65	17.00	1.084	-0.18	0.389	0.422
	FR1 n7	50M	BPSK	1	135	Back	5mm	Ant 2	ECI 6	507000	2535	16.62	17.00	1.091	-0.03	0.454	0.495
	FR1 n7	50M	BPSK	135	135	Back	5mm	Ant 2	ECI 6	507000	2535	16.65	17.00	1.084	-0.11	0.472	0.512
	FR1 n7	50M	BPSK	1	135	Left Edge	5mm	Ant 2	ECI 6	507000	2535	16.62	17.00	1.091	0.08	0.001	0.001
	FR1 n7	50M	BPSK	135	135	Left Edge	5mm	Ant 2	ECI 6	507000	2535	16.65	17.00	1.084	-0.13	0.001	0.001
	FR1 n7	50M	BPSK	1	135	Right Edge	5mm	Ant 2	ECI 6	507000	2535	16.62	17.00	1.091	-0.17	0.738	0.805

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54	FR1 n7	50M	BPSK	135	135	Right Edge	5mm	Ant 2	ECI 6	507000	2535	16.65	17.00	1.084	-0.01	0.765	0.829
	FR1 n7	50M	BPSK	270	0	Right Edge	5mm	Ant 2	ECI 6	507000	2535	16.67	17.00	1.079	0.06	0.739	0.797
	FR1 n7	50M	BPSK	1	135	Bottom Edge	5mm	Ant 2	ECI 6	507000	2535	16.62	17.00	1.091	0.09	0.158	0.172
	FR1 n7	50M	BPSK	135	135	Bottom Edge	5mm	Ant 2	ECI 6	507000	2535	16.65	17.00	1.084	-0.12	0.175	0.190
	FR1 n7	50M	BPSK	1	135	Front	5mm	Ant 0	ECI 6	507000	2535	14.98	15.40	1.102	-0.11	0.358	0.395
	FR1 n7	50M	BPSK	135	0	Front	5mm	Ant 0	ECI 6	507000	2535	15.01	15.40	1.094	0.16	0.360	0.394
	FR1 n7	50M	BPSK	1	135	Back	5mm	Ant 0	ECI 6	507000	2535	14.98	15.40	1.102	0.09	0.401	0.442
	FR1 n7	50M	BPSK	135	0	Back	5mm	Ant 0	ECI 6	507000	2535	15.01	15.40	1.094	0.02	0.408	0.446
	FR1 n7	50M	BPSK	1	135	Left Edge	5mm	Ant 0	ECI 6	507000	2535	14.98	15.40	1.102	0.13	0.050	0.055
	FR1 n7	50M	BPSK	135	0	Left Edge	5mm	Ant 0	ECI 6	507000	2535	15.01	15.40	1.094	-0.17	0.057	0.062
	FR1 n7	50M	BPSK	1	135	Right Edge	5mm	Ant 0	ECI 6	507000	2535	14.98	15.40	1.102	0.15	0.001	0.001
	FR1 n7	50M	BPSK	135	0	Right Edge	5mm	Ant 0	ECI 6	507000	2535	15.01	15.40	1.094	0.15	0.001	0.001
	FR1 n7	50M	BPSK	1	135	Bottom Edge	5mm	Ant 0	ECI 6	507000	2535	14.98	15.40	1.102	-0.05	0.736	0.811
	FR1 n7	50M	BPSK	135	0	Bottom Edge	5mm	Ant 0	ECI 6	507000	2535	15.01	15.40	1.094	-0.03	0.750	0.821
	FR1 n7	50M	BPSK	270	0	Bottom Edge	5mm	Ant 0	ECI 6	507000	2535	15.03	15.40	1.089	-0.06	0.732	0.797
	FR1 n12	15M	BPSK	1	77	Front	5mm	Ant 0	ECI 6	141500	707.5	22.75	23.20	1.109	-0.11	0.360	0.399
	FR1 n12	15M	BPSK	36	43	Front	5mm	Ant 0	ECI 6	141500	707.5	22.72	23.20	1.117	0.02	0.346	0.386
55	FR1 n12	15M	BPSK	1	77	Back	5mm	Ant 0	ECI 6	141500	707.5	22.75	23.20	1.109	-0.01	0.566	0.628
	FR1 n12	15M	BPSK	36	43	Back	5mm	Ant 0	ECI 6	141500	707.5	22.72	23.20	1.117	0.00	0.525	0.586
	FR1 n12	15M	BPSK	1	77	Left Edge	5mm	Ant 0	ECI 6	141500	707.5	22.75	23.20	1.109	-0.04	0.514	0.570
	FR1 n12	15M	BPSK	36	43	Left Edge	5mm	Ant 0	ECI 6	141500	707.5	22.72	23.20	1.117	0.02	0.507	0.566
	FR1 n12	15M	BPSK	1	77	Right Edge	5mm	Ant 0	ECI 6	141500	707.5	22.75	23.20	1.109	0.03	0.215	0.238
	FR1 n12	15M	BPSK	36	43	Right Edge	5mm	Ant 0	ECI 6	141500	707.5	22.72	23.20	1.117	0.16	0.186	0.208
	FR1 n12	15M	BPSK	1	77	Bottom Edge	5mm	Ant 0	ECI 6	141500	707.5	22.75	23.20	1.109	-0.12	0.438	0.486
	FR1 n12	15M	BPSK	36	43	Bottom Edge	5mm	Ant 0	ECI 6	141500	707.5	22.72	23.20	1.117	0.16	0.402	0.449
	FR1 n12	15M	BPSK	1	1	Front	5mm	Ant 1	ECI 6	141500	707.5	24.48	24.80	1.076	-0.15	0.279	0.300
	FR1 n12	15M	BPSK	36	22	Front	5mm	Ant 1	ECI 6	141500	707.5	24.37	24.80	1.104	-0.05	0.297	0.328
	FR1 n12	15M	BPSK	1	1	Back	5mm	Ant 1	ECI 6	141500	707.5	24.48	24.80	1.076	0.17	0.503	0.541
	FR1 n12	15M	BPSK	36	22	Back	5mm	Ant 1	ECI 6	141500	707.5	24.37	24.80	1.104	0.04	0.527	0.582
	FR1 n12	15M	BPSK	1	1	Left Edge	5mm	Ant 1	ECI 6	141500	707.5	24.48	24.80	1.076	0.02	0.413	0.444
	FR1 n12	15M	BPSK	36	22	Left Edge	5mm	Ant 1	ECI 6	141500	707.5	24.37	24.80	1.104	0.05	0.428	0.473
	FR1 n12	15M	BPSK	1	1	Right Edge	5mm	Ant 1	ECI 6	141500	707.5	24.48	24.80	1.076	-0.16	0.140	0.151
	FR1 n12	15M	BPSK	36	22	Right Edge	5mm	Ant 1	ECI 6	141500	707.5	24.37	24.80	1.104	0.02	0.159	0.176
	FR1 n12	15M	BPSK	1	1	Top Edge	5mm	Ant 1	ECI 6	141500	707.5	24.48	24.80	1.076	-0.11	0.390	0.420
	FR1 n12	15M	BPSK	36	22	Top Edge	5mm	Ant 1	ECI 6	141500	707.5	24.37	24.80	1.104	0.01	0.394	0.435
	FR1 n13	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.16	0.480	0.488
	FR1 n13	10M	BPSK	25	14	Front	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.03	0.508	0.516
	FR1 n13	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	-0.19	0.729	0.741
56	FR1 n13	10M	BPSK	25	14	Back	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.00	0.765	0.777
	FR1 n13	10M	BPSK	1	1	Left Edge	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.00	0.510	0.518
	FR1 n13	10M	BPSK	25	14	Left Edge	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.05	0.521	0.529
	FR1 n13	10M	BPSK	1	1	Right Edge	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.12	0.220	0.224
	FR1 n13	10M	BPSK	25	14	Right Edge	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	-0.05	0.228	0.232
	FR1 n13	10M	BPSK	1	1	Bottom Edge	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	-0.18	0.593	0.602
	FR1 n13	10M	BPSK	25	14	Bottom Edge	5mm	Ant 0	ECI 6	156400	782	22.43	22.50	1.016	0.12	0.629	0.639
	FR1 n13	10M	BPSK	1	50	Front	5mm	Ant 1	ECI 6	156400	782	22.78	23.30	1.127	-0.02	0.280	0.316
	FR1 n13	10M	BPSK	25	27	Front	5mm	Ant 1	ECI 6	156400	782	22.77	23.30	1.13	0.01	0.289	0.327
	FR1 n13	10M	BPSK	1	50	Back	5mm	Ant 1	ECI 6	156400	782	22.78	23.30	1.127	-0.03	0.376	0.424
	FR1 n13	10M	BPSK	25	27	Back	5mm	Ant 1	ECI 6	156400	782	22.77	23.30	1.13	-0.10	0.390	0.441
	FR1 n13	10M	BPSK	1	50	Left Edge	5mm	Ant 1	ECI 6	156400	782	22.78	23.30	1.127	0.02	0.488	0.550
	FR1 n13	10M	BPSK	25	27	Left Edge	5mm	Ant 1	ECI 6	156400	782	22.77	23.30	1.13	-0.01	0.526	0.594
	FR1 n13	10M	BPSK	1	50	Right Edge	5mm	Ant 1	ECI 6	156400	782	22.78	23.30	1.127	-0.18	0.123	0.139
	FR1 n13	10M	BPSK	25	27	Right Edge	5mm	Ant 1	ECI 6	156400	782	22.77	23.30	1.13	-0.19	0.140	0.158
	FR1 n13	10M	BPSK	1	50	Top Edge	5mm	Ant 1	ECI 6	156400	782	22.78	23.30	1.127	0.15	0.441	0.497
	FR1 n13	10M	BPSK	25	27	Top Edge	5mm	Ant 1	ECI 6	156400	782	22.77	23.30	1.13	-0.04	0.437	0.494
	FR1 n14	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 6	158600	793	22.29	22.50	1.05	-0.05	0.485	0.509
	FR1 n14	10M	BPSK	25	0	Front	5mm	Ant 0	ECI 6	158600	793	22.39	22.50	1.026	-0.11	0.500	0.513
57	FR1 n14	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 6	158600	793	22.29	22.50	1.05	0.03	0.718	0.754
	FR1 n14	10M	BPSK	25	0	Back	5mm	Ant 0	ECI 6	158600	793	22.39	22.50	1.026	-0.16	0.733	0.752
	FR1 n14	10M	BPSK	1	1	Left Edge	5mm	Ant 0	ECI 6	158600	793	22.29	22.50	1.05	-0.12	0.412	0.433
	FR1 n14	10M	BPSK	25	0	Left Edge	5mm	Ant 0	ECI 6	158600	793	22.39	22.50	1.026	0.09	0.413	0.424
	FR1 n14	10M	BPSK	1	1	Right Edge	5mm	Ant 0	ECI 6	158600	793	22.29	22.50	1.05	0.16	0.181	0.190
	FR1 n14	10M	BPSK	25	0	Right Edge	5mm	Ant 0	ECI 6	158600	793	22.39	22.50	1.026	-0.14	0.184	0.189
	FR1 n14	10M	BPSK	1	1	Bottom Edge	5mm	Ant 0	ECI 6	158600	793	22.29	22.50	1.05	0.02	0.570	0.598
	FR1 n14	10M	BPSK	25	0	Bottom Edge	5mm	Ant 0	ECI 6	158600	793	22.39	22.50	1.026	0.02	0.581	0.596
	FR1 n14	10M	BPSK	1	1	Front	5mm	Ant 1	ECI 6	158600	793	22.54	23.70	1.306	-0.18	0.230	0.300
	FR1 n14	10M	BPSK	25	14	Front	5mm	Ant 1	ECI 6	158600	793	22.38	23.70	1.355	-0.18	0.227	0.308
	FR1 n14	10M	BPSK	1	1	Back	5mm	Ant 1	ECI 6	158600	793	22.54	23.70	1.306	-0.11	0.345	0.451
	FR1 n14	10M	BPSK	25	14	Back	5mm	Ant 1	ECI 6	158600	793	22.38	23.70	1.355	-0.06	0.341	0.462
	FR1 n14	10M	BPSK	1	1	Left Edge	5mm	Ant 1	ECI 6	158600	793	22.54	23.70	1.306	0.02	0.453	0.592
	FR1 n14	10M	BPSK	25	14	Left Edge	5mm	Ant 1	ECI 6	158600	793	22.38	23.70	1.355	-0.06	0.427	0.579
	FR1 n14	10M	BPSK	1	1	Right Edge	5mm	Ant 1	ECI 6	158600	793	22.54	23.70	1.306	0.02	0.100	0.131
	FR1 n14	10M	BPSK	25	14	Right Edge	5mm	Ant 1	ECI 6	158600	793	22.38	23.70	1.355	0.03	0.107	0.145



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	FR1 n14	10M	BPSK	1	1	Top Edge	5mm	Ant 1	ECI 6	158600	793	22.54	23.70	1.306	-0.17	0.340	0.444
	FR1 n14	10M	BPSK	25	14	Top Edge	5mm	Ant 1	ECI 6	158600	793	22.38	23.70	1.355	-0.15	0.328	0.444
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 2	ECI 6	376500	1882.5	19.55	19.90	1.084	-0.04	0.508	0.551
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 2	ECI 6	376500	1882.5	19.63	19.90	1.064	0.16	0.504	0.536
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 2	ECI 6	376500	1882.5	19.55	19.90	1.084	-0.02	0.530	0.575
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 2	ECI 6	376500	1882.5	19.63	19.90	1.064	0.04	0.526	0.560
	FR1 n25	40M	BPSK	1	108	Left Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.55	19.90	1.084	-0.14	0.081	0.088
	FR1 n25	40M	BPSK	108	0	Left Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.63	19.90	1.064	-0.16	0.082	0.087
58	FR1 n25	40M	BPSK	1	108	Right Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.55	19.90	1.084	0.01	0.775	0.840
	FR1 n25	40M	BPSK	108	0	Right Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.63	19.90	1.064	-0.17	0.756	0.804
	FR1 n25	40M	BPSK	216	0	Right Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.56	19.90	1.081	0.10	0.769	0.831
	FR1 n25	40M	BPSK	1	108	Bottom Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.55	19.90	1.084	0.13	0.218	0.236
	FR1 n25	40M	BPSK	108	0	Bottom Edge	5mm	Ant 2	ECI 6	376500	1882.5	19.63	19.90	1.064	-0.13	0.230	0.245
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 0	ECI 6	376500	1882.5	14.65	15.00	1.084	-0.15	0.478	0.518
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 0	ECI 6	376500	1882.5	14.68	15.00	1.076	-0.04	0.478	0.514
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 0	ECI 6	376500	1882.5	14.65	15.00	1.084	-0.08	0.611	0.662
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 0	ECI 6	376500	1882.5	14.68	15.00	1.076	0.13	0.610	0.656
	FR1 n25	40M	BPSK	1	108	Left Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.65	15.00	1.084	0.08	0.090	0.098
	FR1 n25	40M	BPSK	108	0	Left Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.68	15.00	1.076	-0.03	0.093	0.100
	FR1 n25	40M	BPSK	1	108	Right Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.65	15.00	1.084	0.15	0.009	0.010
	FR1 n25	40M	BPSK	108	0	Right Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.68	15.00	1.076	-0.12	0.013	0.014
	FR1 n25	40M	BPSK	1	108	Bottom Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.65	15.00	1.084	0.10	0.746	0.809
	FR1 n25	40M	BPSK	108	0	Bottom Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.68	15.00	1.076	-0.01	0.761	0.819
	FR1 n25	40M	BPSK	216	0	Bottom Edge	5mm	Ant 0	ECI 6	376500	1882.5	14.56	15.00	1.107	0.18	0.731	0.809
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 1	ECI 6	376500	1882.5	19.81	20.20	1.094	-0.14	0.447	0.489
	FR1 n25	40M	BPSK	108	54	Front	5mm	Ant 1	ECI 6	376500	1882.5	19.76	20.20	1.107	-0.00	0.449	0.497
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 1	ECI 6	376500	1882.5	19.81	20.20	1.094	0.06	0.683	0.747
	FR1 n25	40M	BPSK	108	54	Back	5mm	Ant 1	ECI 6	376500	1882.5	19.76	20.20	1.107	-0.01	0.697	0.772
	FR1 n25	40M	BPSK	1	108	Left Edge	5mm	Ant 1	ECI 6	376500	1882.5	19.81	20.20	1.094	0.17	0.278	0.304
	FR1 n25	40M	BPSK	108	54	Left Edge	5mm	Ant 1	ECI 6	376500	1882.5	19.76	20.20	1.107	-0.01	0.280	0.310
	FR1 n25	40M	BPSK	1	108	Right Edge	5mm	Ant 1	ECI 6	376500	1882.5	19.81	20.20	1.094	-0.11	0.001	0.001
	FR1 n25	40M	BPSK	108	54	Right Edge	5mm	Ant 1	ECI 6	376500	1882.5	19.76	20.20	1.107	0.16	0.001	0.001
	FR1 n25	40M	BPSK	1	108	Top Edge	5mm	Ant 1	ECI 6	376500	1882.5	19.81	20.20	1.094	-0.18	0.385	0.421
	FR1 n25	40M	BPSK	108	54	Top Edge	5mm	Ant 1	ECI 6	376500	1882.5	19.76	20.20	1.107	0.11	0.392	0.434
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 5	ECI 6	376500	1882.5	18.08	18.40	1.076	0.12	0.453	0.487
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 5	ECI 6	376500	1882.5	18.15	18.40	1.059	-0.10	0.439	0.465
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 5	ECI 6	376500	1882.5	18.08	18.40	1.076	0.00	0.625	0.673
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 5	ECI 6	376500	1882.5	18.15	18.40	1.059	-0.02	0.613	0.649
	FR1 n25	40M	BPSK	1	108	Left Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.08	18.40	1.076	0.12	0.001	0.001
	FR1 n25	40M	BPSK	108	0	Left Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.15	18.40	1.059	0.19	0.001	0.001
	FR1 n25	40M	BPSK	1	108	Right Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.08	18.40	1.076	0.17	0.768	0.826
	FR1 n25	40M	BPSK	108	0	Right Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.15	18.40	1.059	-0.03	0.787	0.833
	FR1 n25	40M	BPSK	216	0	Right Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.12	18.40	1.067	0.14	0.750	0.800
	FR1 n25	40M	BPSK	1	108	Top Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.08	18.40	1.076	-0.09	0.155	0.167
	FR1 n25	40M	BPSK	108	0	Top Edge	5mm	Ant 5	ECI 6	376500	1882.5	18.15	18.40	1.059	-0.03	0.154	0.163
	FR1 n26	20M	BPSK	1	1	Front	5mm	Ant 0	ECI 6	166300	831.5	21.63	21.70	1.016	0.07	0.478	0.486
	FR1 n26	20M	BPSK	50	56	Front	5mm	Ant 0	ECI 6	166300	831.5	21.65	21.70	1.012	0.09	0.466	0.472
59	FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	ECI 6	166300	831.5	21.63	21.70	1.016	0.04	0.771	0.783
	FR1 n26	20M	BPSK	50	56	Back	5mm	Ant 0	ECI 6	166300	831.5	21.65	21.70	1.012	-0.18	0.754	0.763
	FR1 n26	20M	BPSK	1	1	Left Edge	5mm	Ant 0	ECI 6	166300	831.5	21.63	21.70	1.016	0.18	0.390	0.396
	FR1 n26	20M	BPSK	50	56	Left Edge	5mm	Ant 0	ECI 6	166300	831.5	21.65	21.70	1.012	-0.07	0.337	0.341
	FR1 n26	20M	BPSK	1	1	Right Edge	5mm	Ant 0	ECI 6	166300	831.5	21.63	21.70	1.016	0.00	0.139	0.141
	FR1 n26	20M	BPSK	50	56	Right Edge	5mm	Ant 0	ECI 6	166300	831.5	21.65	21.70	1.012	-0.12	0.131	0.133
	FR1 n26	20M	BPSK	1	1	Bottom Edge	5mm	Ant 0	ECI 6	166300	831.5	21.63	21.70	1.016	0.06	0.537	0.546
	FR1 n26	20M	BPSK	50	56	Bottom Edge	5mm	Ant 0	ECI 6	166300	831.5	21.65	21.70	1.012	0.02	0.585	0.592
	FR1 n26	20M	BPSK	1	104	Front	5mm	Ant 1	ECI 6	166300	831.5	22.61	24.10	1.409	-0.06	0.222	0.313
	FR1 n26	20M	BPSK	50	56	Front	5mm	Ant 1	ECI 6	166300	831.5	22.65	24.10	1.396	-0.04	0.215	0.300
	FR1 n26	20M	BPSK	1	104	Back	5mm	Ant 1	ECI 6	166300	831.5	22.61	24.10	1.409	-0.04	0.366	0.516
	FR1 n26	20M	BPSK	50	56	Back	5mm	Ant 1	ECI 6	166300	831.5	22.65	24.10	1.396	0.02	0.361	0.504
	FR1 n26	20M	BPSK	1	104	Left Edge	5mm	Ant 1	ECI 6	166300	831.5	22.61	24.10	1.409	0.01	0.259	0.365
	FR1 n26	20M	BPSK	50	56	Left Edge	5mm	Ant 1	ECI 6	166300	831.5	22.65	24.10	1.396	0.05	0.248	0.346
	FR1 n26	20M	BPSK	1	104	Right Edge	5mm	Ant 1	ECI 6	166300	831.5	22.61	24.10	1.409	-0.15	0.090	0.127
	FR1 n26	20M	BPSK	50	56	Right Edge	5mm	Ant 1	ECI 6	166300	831.5	22.65	24.10	1.396	0.19	0.079	0.110
	FR1 n26	20M	BPSK	1	104	Top Edge	5mm	Ant 1	ECI 6	166300	831.5	22.61	24.10	1.409	-0.03	0.345	0.486
	FR1 n26	20M	BPSK	50	56	Top Edge	5mm	Ant 1	ECI 6	166300	831.5	22.65	24.10	1.396	-0.05	0.327	0.456
	FR1 n30	10M	BPSK	1	1	Front	5mm	Ant 2	ECI 6	462000	2310	17.90	18.00	1.023	0.02	0.378	0.387
	FR1 n30	10M	BPSK	25	0	Front	5mm	Ant 2	ECI 6	462000	2310	17.85	18.00	1.035	-0.04	0.387	0.401
	FR1 n30	10M	BPSK	1	1	Back	5mm	Ant 2	ECI 6	462000	2310	17.90	18.00	1.023	0.07	0.437	0.447
	FR1 n30	10M	BPSK	25	0	Back	5mm	Ant 2	ECI 6	462000	2310	17.85	18.00	1.035	0.01	0.445	0.461
	FR1 n30	10M	BPSK	1	1	Left Edge	5mm	Ant 2	ECI 6	462000	2310	17.90	18.00	1.023	-0.17	0.001	0.001
	FR1 n30	10M	BPSK	25	0	Left Edge	5mm	Ant 2	ECI 6	462000	2310	17.85	18.00	1.035	0.16	0.001	0.001
	FR1 n30	10M	BPSK	1	1	Right Edge	5mm	Ant 2	ECI 6	462000	2310	17.90	18.00	1.023	-0.17	0.792	0.810
60	FR1 n30	10M	BPSK	25	0	Right Edge	5mm	Ant 2	ECI 6	462000	2310	17.85	18.00	1.035	0.03	0.809	0.837



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	FR1 n30	10M	BPSK	50	0	Right Edge	5mm	Ant 2	ECI 6	462000	2310	17.85	18.00	1.035	-0.15	0.807	0.835
	FR1 n30	10M	BPSK	1	1	Bottom Edge	5mm	Ant 2	ECI 6	462000	2310	17.90	18.00	1.023	0.06	0.182	0.186
	FR1 n30	10M	BPSK	25	0	Bottom Edge	5mm	Ant 2	ECI 6	462000	2310	17.85	18.00	1.035	0.08	0.187	0.194
	FR1 n30	10M	BPSK	1	50	Front	5mm	Ant 0	ECI 6	462000	2310	15.41	15.80	1.094	0.00	0.286	0.313
	FR1 n30	10M	BPSK	25	14	Front	5mm	Ant 0	ECI 6	462000	2310	15.33	15.80	1.114	-0.06	0.287	0.320
	FR1 n30	10M	BPSK	1	50	Back	5mm	Ant 0	ECI 6	462000	2310	15.41	15.80	1.094	0.03	0.453	0.496
	FR1 n30	10M	BPSK	25	14	Back	5mm	Ant 0	ECI 6	462000	2310	15.33	15.80	1.114	-0.09	0.454	0.506
	FR1 n30	10M	BPSK	1	50	Left Edge	5mm	Ant 0	ECI 6	462000	2310	15.41	15.80	1.094	-0.13	0.049	0.054
	FR1 n30	10M	BPSK	25	14	Left Edge	5mm	Ant 0	ECI 6	462000	2310	15.33	15.80	1.114	0.02	0.051	0.057
	FR1 n30	10M	BPSK	1	50	Right Edge	5mm	Ant 0	ECI 6	462000	2310	15.41	15.80	1.094	-0.16	0.001	0.001
	FR1 n30	10M	BPSK	25	14	Right Edge	5mm	Ant 0	ECI 6	462000	2310	15.33	15.80	1.114	0.17	0.001	0.001
	FR1 n30	10M	BPSK	1	50	Bottom Edge	5mm	Ant 0	ECI 6	462000	2310	15.41	15.80	1.094	-0.08	0.720	0.788
	FR1 n30	10M	BPSK	25	14	Bottom Edge	5mm	Ant 0	ECI 6	462000	2310	15.33	15.80	1.114	-0.01	0.733	0.817
	FR1 n30	10M	BPSK	50	0	Bottom Edge	5mm	Ant 0	ECI 6	462000	2310	15.31	15.80	1.119	-0.08	0.696	0.779
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 2	ECI 6	349000	1745	20.89	21.30	1.099	-0.15	0.648	0.712
	FR1 n66	45M	BPSK	120	0	Front	5mm	Ant 2	ECI 6	349000	1745	20.88	21.30	1.102	0.11	0.619	0.682
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 2	ECI 6	349000	1745	20.89	21.30	1.099	-0.05	0.605	0.665
	FR1 n66	45M	BPSK	120	0	Back	5mm	Ant 2	ECI 6	349000	1745	20.88	21.30	1.102	0.09	0.588	0.648
	FR1 n66	45M	BPSK	1	120	Left Edge	5mm	Ant 2	ECI 6	349000	1745	20.89	21.30	1.099	-0.13	0.082	0.090
	FR1 n66	45M	BPSK	120	0	Left Edge	5mm	Ant 2	ECI 6	349000	1745	20.88	21.30	1.102	-0.07	0.077	0.085
61	FR1 n66	45M	BPSK	1	120	Right Edge	5mm	Ant 2	ECI 6	349000	1745	20.89	21.30	1.099	0.04	0.753	0.828
	FR1 n66	45M	BPSK	120	0	Right Edge	5mm	Ant 2	ECI 6	349000	1745	20.88	21.30	1.102	0.08	0.737	0.812
	FR1 n66	45M	BPSK	240	0	Right Edge	5mm	Ant 2	ECI 6	349000	1745	20.88	21.30	1.102	-0.03	0.741	0.817
	FR1 n66	45M	BPSK	1	120	Bottom Edge	5mm	Ant 2	ECI 6	349000	1745	20.89	21.30	1.099	0.05	0.402	0.442
	FR1 n66	45M	BPSK	120	0	Bottom Edge	5mm	Ant 2	ECI 6	349000	1745	20.88	21.30	1.102	-0.02	0.396	0.436
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 0	ECI 6	349000	1745	14.69	15.10	1.099	0.02	0.425	0.467
	FR1 n66	45M	BPSK	120	60	Front	5mm	Ant 0	ECI 6	349000	1745	14.75	15.10	1.084	-0.00	0.423	0.459
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 0	ECI 6	349000	1745	14.69	15.10	1.099	0.03	0.493	0.542
	FR1 n66	45M	BPSK	120	60	Back	5mm	Ant 0	ECI 6	349000	1745	14.75	15.10	1.084	0.04	0.491	0.532
	FR1 n66	45M	BPSK	1	120	Left Edge	5mm	Ant 0	ECI 6	349000	1745	14.69	15.10	1.099	0.07	0.086	0.095
	FR1 n66	45M	BPSK	120	60	Left Edge	5mm	Ant 0	ECI 6	349000	1745	14.75	15.10	1.084	-0.08	0.090	0.098
	FR1 n66	45M	BPSK	1	120	Right Edge	5mm	Ant 0	ECI 6	349000	1745	14.69	15.10	1.099	0.02	0.001	0.001
	FR1 n66	45M	BPSK	120	60	Right Edge	5mm	Ant 0	ECI 6	349000	1745	14.75	15.10	1.084	-0.06	0.001	0.001
	FR1 n66	45M	BPSK	1	120	Bottom Edge	5mm	Ant 0	ECI 6	349000	1745	14.69	15.10	1.099	0.11	0.690	0.758
	FR1 n66	45M	BPSK	120	60	Bottom Edge	5mm	Ant 0	ECI 6	349000	1745	14.75	15.10	1.084	-0.01	0.702	0.761
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 1	ECI 6	349000	1745	22.34	23.00	1.164	-0.09	0.327	0.381
	FR1 n66	45M	BPSK	120	60	Front	5mm	Ant 1	ECI 6	349000	1745	22.33	23.00	1.167	0.19	0.313	0.365
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 1	ECI 6	349000	1745	22.34	23.00	1.164	-0.11	0.547	0.637
	FR1 n66	45M	BPSK	120	60	Back	5mm	Ant 1	ECI 6	349000	1745	22.33	23.00	1.167	-0.10	0.548	0.640
	FR1 n66	45M	BPSK	1	120	Left Edge	5mm	Ant 1	ECI 6	349000	1745	22.34	23.00	1.164	0.11	0.211	0.246
	FR1 n66	45M	BPSK	120	60	Left Edge	5mm	Ant 1	ECI 6	349000	1745	22.33	23.00	1.167	-0.01	0.210	0.245
	FR1 n66	45M	BPSK	1	120	Right Edge	5mm	Ant 1	ECI 6	349000	1745	22.34	23.00	1.164	0.13	0.043	0.050
	FR1 n66	45M	BPSK	120	60	Right Edge	5mm	Ant 1	ECI 6	349000	1745	22.33	23.00	1.167	0.05	0.042	0.049
	FR1 n66	45M	BPSK	1	120	Top Edge	5mm	Ant 1	ECI 6	349000	1745	22.34	23.00	1.164	0.16	0.180	0.210
	FR1 n66	45M	BPSK	120	60	Top Edge	5mm	Ant 1	ECI 6	349000	1745	22.33	23.00	1.167	-0.08	0.189	0.221
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 5	ECI 6	349000	1745	17.90	17.90	1.0	-0.15	0.427	0.427
	FR1 n66	45M	BPSK	120	0	Front	5mm	Ant 5	ECI 6	349000	1745	17.89	17.90	1.002	0.16	0.442	0.443
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 5	ECI 6	349000	1745	17.90	17.90	1.0	0.02	0.586	0.586
	FR1 n66	45M	BPSK	120	0	Back	5mm	Ant 5	ECI 6	349000	1745	17.89	17.90	1.002	-0.02	0.620	0.621
	FR1 n66	45M	BPSK	1	120	Left Edge	5mm	Ant 5	ECI 6	349000	1745	17.90	17.90	1.0	0.13	0.001	0.001
	FR1 n66	45M	BPSK	120	0	Left Edge	5mm	Ant 5	ECI 6	349000	1745	17.89	17.90	1.002	0.00	0.001	0.001
	FR1 n66	45M	BPSK	1	120	Right Edge	5mm	Ant 5	ECI 6	349000	1745	17.90	17.90	1.0	-0.08	0.729	0.729
	FR1 n66	45M	BPSK	120	0	Right Edge	5mm	Ant 5	ECI 6	349000	1745	17.89	17.90	1.002	-0.02	0.756	0.758
	FR1 n66	45M	BPSK	1	120	Top Edge	5mm	Ant 5	ECI 6	349000	1745	17.90	17.90	1.0	0.04	0.148	0.148
	FR1 n66	45M	BPSK	120	0	Top Edge	5mm	Ant 5	ECI 6	349000	1745	17.89	17.90	1.002	0.11	0.152	0.152
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 2	ECI 6	340500	1702.5	21.37	21.70	1.079	0.05	0.463	0.500
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 2	ECI 6	340500	1702.5	21.33	21.70	1.089	-0.14	0.442	0.481
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 2	ECI 6	340500	1702.5	21.37	21.70	1.079	0.06	0.488	0.527
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 2	ECI 6	340500	1702.5	21.33	21.70	1.089	0.09	0.463	0.504
	FR1 n70	15M	BPSK	1	77	Left Edge	5mm	Ant 2	ECI 6	340500	1702.5	21.37	21.70	1.079	-0.09	0.078	0.084
	FR1 n70	15M	BPSK	36	0	Left Edge	5mm	Ant 2	ECI 6	340500	1702.5	21.33	21.70	1.089	0.07	0.076	0.083
	FR1 n70	15M	BPSK	1	77	Right Edge	5mm	Ant 2	ECI 6	340500	1702.5	21.37	21.70	1.079	0.00	0.681	0.735
	FR1 n70	15M	BPSK	36	0	Right Edge	5mm	Ant 2	ECI 6	340500	1702.5	21.33	21.70	1.089	-0.01	0.652	0.710
	FR1 n70	15M	BPSK	1	77	Bottom Edge	5mm	Ant 2	ECI 6	340500	1702.5	21.37	21.70	1.079	0.08	0.246	0.265
	FR1 n70	15M	BPSK	36	0	Bottom Edge	5mm	Ant 2	ECI 6	340500	1702.5	21.33	21.70	1.089	0.11	0.241	0.262
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 0	ECI 6	340500	1702.5	15.31	15.40	1.021	-0.16	0.480	0.490
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 0	ECI 6	340500	1702.5	15.29	15.40	1.026	-0.05	0.465	0.477
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 0	ECI 6	340500	1702.5	15.31	15.40	1.021	-0.10	0.462	0.472
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 0	ECI 6	340500	1702.5	15.29	15.40	1.026	0.03	0.452	0.464
	FR1 n70	15M	BPSK	1	77	Left Edge	5mm	Ant 0	ECI 6	340500	1702.5	15.31	15.40	1.021	-0.16	0.117	0.119
	FR1 n70	15M	BPSK	36	0	Left Edge	5mm	Ant 0	ECI 6	340500	1702.5	15.29	15.40	1.026	-0.13	0.117	0.120
	FR1 n70	15M	BPSK	1	77	Right Edge	5mm	Ant 0	ECI 6	340500	1702.5	15.31	15.40	1.021	0.16	0.001	0.001
	FR1 n70	15M	BPSK	36	0	Right Edge	5mm	Ant 0	ECI 6	340500	1702.5	15.29	15.40	1.026	-0.12	0.001	0.001



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62	FR1 n70	15M	BPSK	1	77	Bottom Edge	5mm	Ant 0	ECI 6	340500	1702.5	15.31	15.40	1.021	0.00	0.776	0.792
	FR1 n70	15M	BPSK	36	0	Bottom Edge	5mm	Ant 0	ECI 6	340500	1702.5	15.29	15.40	1.026	-0.12	0.768	0.788
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 1	ECI 6	340500	1702.5	23.32	24.30	1.253	0.07	0.252	0.316
	FR1 n70	15M	BPSK	36	22	Front	5mm	Ant 1	ECI 6	340500	1702.5	23.21	24.30	1.285	0.04	0.238	0.306
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 1	ECI 6	340500	1702.5	23.32	24.30	1.253	-0.01	0.599	0.751
	FR1 n70	15M	BPSK	36	22	Back	5mm	Ant 1	ECI 6	340500	1702.5	23.21	24.30	1.285	-0.02	0.566	0.727
	FR1 n70	15M	BPSK	1	77	Left Edge	5mm	Ant 1	ECI 6	340500	1702.5	23.32	24.30	1.253	0.13	0.132	0.165
	FR1 n70	15M	BPSK	36	22	Left Edge	5mm	Ant 1	ECI 6	340500	1702.5	23.21	24.30	1.285	-0.13	0.122	0.157
	FR1 n70	15M	BPSK	1	77	Right Edge	5mm	Ant 1	ECI 6	340500	1702.5	23.32	24.30	1.253	-0.00	0.001	0.001
	FR1 n70	15M	BPSK	36	22	Right Edge	5mm	Ant 1	ECI 6	340500	1702.5	23.21	24.30	1.285	-0.11	0.001	0.001
	FR1 n70	15M	BPSK	1	77	Top Edge	5mm	Ant 1	ECI 6	340500	1702.5	23.32	24.30	1.253	0.11	0.107	0.134
	FR1 n70	15M	BPSK	36	22	Top Edge	5mm	Ant 1	ECI 6	340500	1702.5	23.21	24.30	1.285	-0.13	0.081	0.104
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 5	ECI 6	340500	1702.5	17.51	17.90	1.094	-0.05	0.428	0.468
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 5	ECI 6	340500	1702.5	17.52	17.90	1.091	-0.07	0.419	0.457
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 5	ECI 6	340500	1702.5	17.51	17.90	1.094	-0.10	0.573	0.627
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 5	ECI 6	340500	1702.5	17.52	17.90	1.091	0.12	0.561	0.612
	FR1 n70	15M	BPSK	1	77	Left Edge	5mm	Ant 5	ECI 6	340500	1702.5	17.51	17.90	1.094	0.00	0.001	0.001
	FR1 n70	15M	BPSK	36	0	Left Edge	5mm	Ant 5	ECI 6	340500	1702.5	17.52	17.90	1.091	0.00	0.001	0.001
	FR1 n70	15M	BPSK	1	77	Right Edge	5mm	Ant 5	ECI 6	340500	1702.5	17.51	17.90	1.094	0.01	0.722	0.790
	FR1 n70	15M	BPSK	36	0	Right Edge	5mm	Ant 5	ECI 6	340500	1702.5	17.52	17.90	1.091	-0.02	0.681	0.743
	FR1 n70	15M	BPSK	1	77	Top Edge	5mm	Ant 5	ECI 6	340500	1702.5	17.51	17.90	1.094	-0.06	0.123	0.135
	FR1 n70	15M	BPSK	36	0	Top Edge	5mm	Ant 5	ECI 6	340500	1702.5	17.52	17.90	1.091	-0.13	0.122	0.133
	FR1 n71	35M	BPSK	1	1	Front	5mm	Ant 0	ECI 6	136100	680.5	24.66	24.80	1.033	-0.11	0.446	0.461
	FR1 n71	35M	BPSK	90	45	Front	5mm	Ant 0	ECI 6	136100	680.5	24.68	24.80	1.028	-0.03	0.512	0.526
	FR1 n71	35M	BPSK	1	1	Back	5mm	Ant 0	ECI 6	136100	680.5	24.66	24.80	1.033	0.14	0.653	0.675
	FR1 n71	35M	BPSK	90	45	Back	5mm	Ant 0	ECI 6	136100	680.5	24.68	24.80	1.028	-0.00	0.768	0.790
	FR1 n71	35M	BPSK	1	1	Left Edge	5mm	Ant 0	ECI 6	136100	680.5	24.66	24.80	1.033	-0.09	0.161	0.166
	FR1 n71	35M	BPSK	90	45	Left Edge	5mm	Ant 0	ECI 6	136100	680.5	24.68	24.80	1.028	-0.06	0.173	0.178
	FR1 n71	35M	BPSK	1	1	Right Edge	5mm	Ant 0	ECI 6	136100	680.5	24.66	24.80	1.033	-0.06	0.263	0.272
	FR1 n71	35M	BPSK	90	45	Right Edge	5mm	Ant 0	ECI 6	136100	680.5	24.68	24.80	1.028	0.04	0.346	0.356
	FR1 n71	35M	BPSK	1	1	Bottom Edge	5mm	Ant 0	ECI 6	136100	680.5	24.66	24.80	1.033	-0.03	0.617	0.637
	FR1 n71	35M	BPSK	90	45	Bottom Edge	5mm	Ant 0	ECI 6	136100	680.5	24.68	24.80	1.028	-0.01	0.708	0.728
	FR1 n71	35M	BPSK	1	1	Front	5mm	Ant 1	ECI 6	136100	680.5	24.27	24.80	1.13	0.01	0.276	0.312
	FR1 n71	35M	BPSK	90	45	Front	5mm	Ant 1	ECI 6	136100	680.5	24.26	24.80	1.132	-0.02	0.279	0.316
	FR1 n71	35M	BPSK	1	1	Back	5mm	Ant 1	ECI 6	136100	680.5	24.27	24.80	1.13	0.00	0.444	0.502
	FR1 n71	35M	BPSK	90	45	Back	5mm	Ant 1	ECI 6	136100	680.5	24.26	24.80	1.132	0.02	0.462	0.523
	FR1 n71	35M	BPSK	1	1	Left Edge	5mm	Ant 1	ECI 6	136100	680.5	24.27	24.80	1.13	-0.07	0.410	0.463
	FR1 n71	35M	BPSK	90	45	Left Edge	5mm	Ant 1	ECI 6	136100	680.5	24.26	24.80	1.132	-0.02	0.451	0.511
	FR1 n71	35M	BPSK	1	1	Right Edge	5mm	Ant 1	ECI 6	136100	680.5	24.27	24.80	1.13	0.13	0.136	0.154
	FR1 n71	35M	BPSK	90	45	Right Edge	5mm	Ant 1	ECI 6	136100	680.5	24.26	24.80	1.132	0.01	0.139	0.157
	FR1 n71	35M	BPSK	1	1	Top Edge	5mm	Ant 1	ECI 6	136100	680.5	24.27	24.80	1.13	0.07	0.298	0.337
	FR1 n71	35M	BPSK	90	45	Top Edge	5mm	Ant 1	ECI 6	136100	680.5	24.26	24.80	1.132	-0.02	0.299	0.338
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 2	ECI 6	518598	2592.99	16.91	17.10	1.045	-0.04	0.355	0.371
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 2	ECI 6	518598	2592.99	16.76	17.10	1.081	-0.14	0.329	0.356
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 2	ECI 6	518598	2592.99	16.91	17.10	1.045	-0.10	0.487	0.509
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 2	ECI 6	518598	2592.99	16.76	17.10	1.081	0.15	0.459	0.496
	FR1 n41	100M	BPSK	1	137	Left Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.91	17.10	1.045	-0.17	0.001	0.001
	FR1 n41	100M	BPSK	135	0	Left Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.76	17.10	1.081	0.18	0.001	0.001
	FR1 n41	100M	BPSK	1	137	Right Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.91	17.10	1.045	0.03	0.784	0.819
	FR1 n41	100M	BPSK	135	0	Right Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.76	17.10	1.081	-0.04	0.765	0.827
	FR1 n41	100M	BPSK	270	0	Right Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.75	17.10	1.084	0.12	0.757	0.821
	FR1 n41	100M	BPSK	1	137	Bottom Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.91	17.10	1.045	0.04	0.203	0.212
	FR1 n41	100M	BPSK	135	0	Bottom Edge	5mm	Ant 2	ECI 6	518598	2592.99	16.76	17.10	1.081	-0.10	0.210	0.227
	FR1 n41_HPUE	100M	BPSK	135	0	Right Edge	5mm	Ant 2	ECI 6	518598	2592.99	19.80	20.10	1.072	-0.03	0.646	0.814
	FR1 n41B	50M	BPSK	64	69	Right Edge	5mm	Ant 2	ECI 6	518598+528594	2592.99	16.82	17.1	1.067	0.03	0.689	0.735
	FR1 n41C	90M	BPSK	108	137	Right Edge	5mm	Ant 2	ECI 6	518598+537582	2592.99	16.85	17.1	1.059	-0.02	0.719	0.761
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 0	ECI 6	518598	2592.99	16.09	16.10	1.002	-0.18	0.322	0.323
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 0	ECI 6	518598	2592.99	16.02	16.10	1.019	0.09	0.269	0.274
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 0	ECI 6	518598	2592.99	16.09	16.10	1.002	-0.05	0.446	0.447
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 0	ECI 6	518598	2592.99	16.02	16.10	1.019	-0.07	0.332	0.338
	FR1 n41	100M	BPSK	1	137	Left Edge	5mm	Ant 0	ECI 6	518598	2592.99	16.09	16.10	1.002	0.02	0.045	0.045
	FR1 n41	100M	BPSK	135	0	Left Edge	5mm	Ant 0	ECI 6	518598	2592.99	16.02	16.10	1.019	-0.01	0.039	0.040
	FR1 n41	100M	BPSK	1	137	Right Edge	5mm	Ant 0	ECI 6	518598	2592.99	16.09	16.10	1.002	-0.15	0.039	0.039
	FR1 n41	100M	BPSK	135	0	Right Edge	5mm	Ant 0	ECI 6	518598	2592.99	16.02	16.10	1.019	-0.11	0.046	0.047
	FR1 n41	100M	BPSK	1	137	Bottom Edge	5mm	Ant 0	ECI 6	518598	2592.99	16.09	16.10	1.002	-0.02	0.692	0.693
	FR1 n41	100M	BPSK	135	0	Bottom Edge	5mm	Ant 0	ECI 6	518598	2592.99	16.02	16.10	1.019	0.19	0.554	0.565
	FR1 n41_HPUE	100M	BPSK	1	137	Bottom Edge	5mm	Ant 0	ECI 6	518598	2592.99	19.09	19.10	1.002	0.04	0.562	0.662
	FR1 n41B	50M	BPSK	64	69	Bottom Edge	5mm	Ant 0	ECI 6	518598+528594	2592.99	15.94	16.1	1.038	-0.01	0.580	0.602
	FR1 n41C	90M	BPSK	108	137	Bottom Edge	5mm	Ant 0	ECI 6	518598+537582	2592.99	15.85	16.1	1.059	-0.05	0.624	0.661
	FR1 n41	100M	BPSK	1	271	Front	5mm	Ant 1	ECI 6	518598	2592.99	17.30	17.30	1.0	-0.09	0.216	0.216
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 1	ECI 6	518598	2592.99	17.27	17.30	1.007	0.09	0.291	0.293
	FR1 n41	100M	BPSK	1	271	Back	5mm	Ant 1	ECI 6	518598	2592.99	17.30	17.30	1.0	0.12	0.306	0.306
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 6	518598	2592.99	17.27	17.30	1.007	-0.11	0.410	0.413



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	FR1 n41	100M	BPSK	1	271	Left Edge	5mm	Ant 1	ECI 6	518598	2592.99	17.30	17.30	1.0	0.05	0.236	0.236
	FR1 n41	100M	BPSK	135	0	Left Edge	5mm	Ant 1	ECI 6	518598	2592.99	17.27	17.30	1.007	-0.13	0.241	0.243
	FR1 n41	100M	BPSK	1	271	Right Edge	5mm	Ant 1	ECI 6	518598	2592.99	17.30	17.30	1.0	0.10	0.001	0.001
	FR1 n41	100M	BPSK	135	0	Right Edge	5mm	Ant 1	ECI 6	518598	2592.99	17.27	17.30	1.007	-0.14	0.034	0.034
	FR1 n41	100M	BPSK	1	271	Top Edge	5mm	Ant 1	ECI 6	518598	2592.99	17.30	17.30	1.0	-0.05	0.390	0.390
	FR1 n41	100M	BPSK	135	0	Top Edge	5mm	Ant 1	ECI 6	518598	2592.99	17.27	17.30	1.007	0.01	0.767	0.772
	FR1 n41_HPUE	100M	BPSK	135	0	Top Edge	5mm	Ant 1	ECI 6	518598	2592.99	20.24	20.30	1.014	0.07	0.600	0.715
	FR1 n41B	50M	BPSK	64	69	Top Edge	5mm	Ant 1	ECI 6	518598+528594	2592.99	16.77	17.3	1.130	0.09	0.599	0.677
	FR1 n41C	90M	BPSK	108	137	Top Edge	5mm	Ant 1	ECI 6	518598+537582	2592.99	16.75	17.3	1.135	0.11	0.647	0.734
	FR1 n41	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 6	518598	2592.99	16.17	16.30	1.03	-0.16	0.527	0.543
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 5	ECI 6	518598	2592.99	15.92	16.30	1.091	0.18	0.423	0.461
	FR1 n41	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 6	518598	2592.99	16.17	16.30	1.03	-0.18	0.572	0.589
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 5	ECI 6	518598	2592.99	15.92	16.30	1.091	0.03	0.489	0.533
	FR1 n41	100M	BPSK	1	271	Left Edge	5mm	Ant 5	ECI 6	518598	2592.99	16.17	16.30	1.03	0.00	0.004	0.004
	FR1 n41	100M	BPSK	135	0	Left Edge	5mm	Ant 5	ECI 6	518598	2592.99	15.92	16.30	1.091	0.13	0.007	0.008
64	FR1 n41	100M	BPSK	1	271	Right Edge	5mm	Ant 5	ECI 6	518598	2592.99	16.17	16.30	1.03	0.00	0.825	0.850
	FR1 n41	100M	BPSK	135	0	Right Edge	5mm	Ant 5	ECI 6	518598	2592.99	15.92	16.30	1.091	0.08	0.771	0.841
	FR1 n41	100M	BPSK	270	0	Right Edge	5mm	Ant 5	ECI 6	518598	2592.99	16.00	16.30	1.072	-0.12	0.785	0.842
	FR1 n41	100M	BPSK	1	271	Top Edge	5mm	Ant 5	ECI 6	518598	2592.99	16.17	16.30	1.03	-0.14	0.172	0.177
	FR1 n41	100M	BPSK	135	0	Top Edge	5mm	Ant 5	ECI 6	518598	2592.99	15.92	16.30	1.091	-0.00	0.204	0.223
	FR1 n41_HPUE	100M	BPSK	1	137	Right Edge	5mm	Ant 5	ECI 6	518598	2592.99	19.10	19.30	1.047	0.12	0.675	0.831
	FR1 n41B	50M	BPSK	64	69	Right Edge	5mm	Ant 5	ECI 6	518598+528594	2592.99	15.65	16.3	1.161	0.01	0.686	0.796
	FR1 n41C	90M	BPSK	108	137	Right Edge	5mm	Ant 5	ECI 6	518598+537582	2592.99	15.65	16.3	1.161	-0.08	0.665	0.772
	FR1 n48	40M	BPSK	1	105	Front	5mm	Ant 6	ECI 6	641666	3624.99	15.39	16.80	1.384	-0.03	0.288	0.399
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 6	ECI 6	641666	3624.99	15.35	16.80	1.396	0.07	0.279	0.389
	FR1 n48	40M	BPSK	1	105	Back	5mm	Ant 6	ECI 6	641666	3624.99	15.39	16.80	1.384	0	0.270	0.374
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 6	ECI 6	641666	3624.99	15.35	16.80	1.396	0.01	0.261	0.364
	FR1 n48	40M	BPSK	1	105	Left Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.39	16.80	1.384	-0.01	0.529	0.732
	FR1 n48	40M	BPSK	50	25	Left Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.35	16.80	1.396	-0.06	0.518	0.723
	FR1 n48	40M	BPSK	100	0	Left Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.34	16.80	1.400	-0.04	0.521	0.729
	FR1 n48	40M	BPSK	1	0	Left Edge	5mm	Ant 6	ECI 6	638000	3570	14.02	14.50	1.117	-0.09	0.433	0.484
	FR1 n48	40M	BPSK	50	25	Left Edge	5mm	Ant 6	ECI 6	638000	3570	13.85	14.00	1.035	-0.17	0.418	0.433
	FR1 n48	20M	BPSK	1	49	Left Edge	5mm	Ant 6	ECI 6	637334	3560.01	15.43	16.80	1.371	-0.1	0.599	0.821
	FR1 n48	20M	BPSK	25	12	Left Edge	5mm	Ant 6	ECI 6	637334	3560.01	15.37	16.80	1.390	0.05	0.593	0.824
	FR1 n48	40M	BPSK	1	105	Left Edge	5mm	Ant 6	ECI 6	645332	3679.98	13.90	14.00	1.023	0.18	0.279	0.285
	FR1 n48	30M	BPSK	1	77	Left Edge	5mm	Ant 6	ECI 6	645666	3684.99	14.03	14.50	1.114	-0.17	0.288	0.321
	FR1 n48	40M	BPSK	50	25	Left Edge	5mm	Ant 6	ECI 6	645332	3679.98	13.84	14.00	1.038	-0.04	0.273	0.283
	FR1 n48	20M	BPSK	1	1	Left Edge	5mm	Ant 6	ECI 6	646000	3690	15.35	16.80	1.396	-0.05	0.390	0.544
	FR1 n48	30M	BPSK	36	18	Left Edge	5mm	Ant 6	ECI 6	645666	3684.99	15.22	16.80	1.439	0	0.376	0.541
	FR1 n48	40M	BPSK	1	105	Right Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.39	16.80	1.384	-0.13	0.088	0.122
	FR1 n48	40M	BPSK	50	25	Right Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.35	16.80	1.396	-0.01	0.085	0.119
	FR1 n48	40M	BPSK	1	105	Bottom Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.39	16.80	1.384	-0.09	0.345	0.477
	FR1 n48	40M	BPSK	50	25	Bottom Edge	5mm	Ant 6	ECI 6	641666	3624.99	15.35	16.80	1.396	0.05	0.341	0.476
	FR1 n48	40M	BPSK	1	105	Front	5mm	Ant 7	ECI 6	641666	3624.99	15.28	15.70	1.102	-0.06	0.303	0.334
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 7	ECI 6	641666	3624.99	15.40	15.70	1.072	-0.14	0.310	0.332
	FR1 n48	40M	BPSK	1	105	Back	5mm	Ant 7	ECI 6	641666	3624.99	15.28	15.70	1.102	-0.19	0.459	0.506
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 6	641666	3624.99	15.40	15.70	1.072	0.01	0.470	0.504
	FR1 n48	40M	BPSK	1	105	Left Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.28	15.70	1.102	0	0.001	0.001
	FR1 n48	40M	BPSK	50	25	Left Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.40	15.70	1.072	0	0.001	0.001
	FR1 n48	40M	BPSK	1	105	Right Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.28	15.70	1.102	-0.01	0.711	0.784
	FR1 n48	40M	BPSK	50	25	Right Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.40	15.70	1.072	0.06	0.697	0.747
	FR1 n48	40M	BPSK	100	0	Right Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.35	15.70	1.084	0.02	0.686	0.744
	FR1 n48	40M	BPSK	1	1	Right Edge	5mm	Ant 7	ECI 6	638000	3570	13.30	13.50	1.047	0.12	0.442	0.463
	FR1 n48	40M	BPSK	50	25	Right Edge	5mm	Ant 7	ECI 6	638000	3570	13.23	13.50	1.064	-0.16	0.441	0.469
	FR1 n48	20M	BPSK	1	49	Right Edge	5mm	Ant 7	ECI 6	637168	3560.01	15.30	15.70	1.096	-0.12	0.700	0.767
	FR1 n48	20M	BPSK	25	12	Right Edge	5mm	Ant 7	ECI 6	637334	3560.01	15.24	15.70	1.112	0.07	0.700	0.778
	FR1 n48	40M	BPSK	1	105	Right Edge	5mm	Ant 7	ECI 6	645332	3679.98	13.32	13.50	1.042	-0.02	0.394	0.411
	FR1 n48	40M	BPSK	100	0	Right Edge	5mm	Ant 7	ECI 6	645332	3679.98	13.35	13.50	1.035	-0.05	0.390	0.404
	FR1 n48	20M	BPSK	1	1	Right Edge	5mm	Ant 7	ECI 6	646000	3690	15.36	15.70	1.081	-0.13	0.630	0.681
	FR1 n48	30M	BPSK	36	18	Right Edge	5mm	Ant 7	ECI 6	645666	3684.99	15.36	15.70	1.081	0.08	0.620	0.670
	FR1 n48	40M	BPSK	1	105	Bottom Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.28	15.70	1.102	0.16	0.074	0.082
	FR1 n48	40M	BPSK	50	25	Bottom Edge	5mm	Ant 7	ECI 6	641666	3624.99	15.40	15.70	1.072	0.01	0.064	0.069
	FR1 n48	40M	BPSK	1	105	Front	5mm	Ant 1	ECI 6	641666	3624.99	15.72	16.80	1.282	0.01	0.210	0.269
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 1	ECI 6	641666	3624.99	15.71	16.80	1.285	0.1	0.211	0.271
	FR1 n48	40M	BPSK	1	105	Back	5mm	Ant 1	ECI 6	641666	3624.99	15.72	16.80	1.282	-0.17	0.332	0.426
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 1	ECI 6	641666	3624.99	15.71	16.80	1.285	0.04	0.334	0.429
	FR1 n48	40M	BPSK	1	105	Left Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.72	16.80	1.282	-0.01	0.443	0.568
	FR1 n48	40M	BPSK	50	25	Left Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.71	16.80	1.285	-0.08	0.440	0.565
	FR1 n48	40M	BPSK	1	105	Right Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.72	16.80	1.282	0.13	0.112	0.144
	FR1 n48	40M	BPSK	50	25	Right Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.71	16.80	1.285	0.12	0.115	0.148
	FR1 n48	40M	BPSK	1	105	Top Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.72	16.80	1.282	0.03	0.442	0.567
	FR1 n48	40M	BPSK	50	25	Top Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.71	16.80	1.285	0.18	0.424	0.545
	FR1 n48	40M	BPSK	100	0	Top Edge	5mm	Ant 1	ECI 6	641666	3624.99	15.70	16.80	1.288	0.16	0.419	0.540



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65	FR1 n48	40M	BPSK	1	105	Top Edge	5mm	Ant 1	ECI 6	638000	3570	13.79	14.00	1.050	0.16	0.408	0.428
	FR1 n48	40M	BPSK	50	25	Top Edge	5mm	Ant 1	ECI 6	638000	3570	13.63	14.00	1.089	-0.1	0.400	0.436
	FR1 n48	20M	BPSK	1	49	Top Edge	5mm	Ant 1	ECI 6	637334	3560.01	15.70	16.80	1.288	0.07	0.635	0.818
	FR1 n48	20M	BPSK	25	12	Top Edge	5mm	Ant 1	ECI 6	637334	3560.01	15.68	16.80	1.294	-0.03	0.641	0.829
	FR1 n48	40M	BPSK	1	1	Top Edge	5mm	Ant 1	ECI 6	645332	3679.98	13.68	14.00	1.076	0.18	0.086	0.093
	FR1 n48	40M	BPSK	50	25	Top Edge	5mm	Ant 1	ECI 6	645332	3679.98	13.59	14.00	1.099	-0.1	0.075	0.082
	FR1 n48	20M	BPSK	1	1	Top Edge	5mm	Ant 1	ECI 6	646000	3690	15.71	16.80	1.285	0.01	0.136	0.175
	FR1 n48	30M	BPSK	36	18	Top Edge	5mm	Ant 1	ECI 6	645666	3684.99	15.70	16.80	1.288	-0.15	0.122	0.157
	FR1 n48	40M	BPSK	1	0	Front	5mm	Ant 5	ECI 6	641666	3624.99	18.46	18.50	1.009	0.08	0.387	0.390
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 5	ECI 6	641666	3624.99	18.44	18.50	1.014	0.01	0.375	0.380
	FR1 n48	40M	BPSK	1	0	Back	5mm	Ant 5	ECI 6	641666	3624.99	18.46	18.50	1.009	0.03	0.726	0.733
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 6	641666	3624.99	18.44	18.50	1.014	-0.08	0.736	0.746
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 5	ECI 6	638000	3570	12.73	13.00	1.064	0.1	0.198	0.211
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 6	638000	3570	12.52	13.00	1.117	-0.18	0.192	0.214
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 5	ECI 6	637334	3560.01	18.50	18.50	1.000	0.1	0.732	0.732
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 5	ECI 6	637334	3560.01	18.48	18.50	1.005	-0.15	0.744	0.748
	FR1 n48	40M	BPSK	1	0	Back	5mm	Ant 5	ECI 6	645332	3679.98	12.74	13.00	1.062	0.12	0.168	0.178
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 6	645332	3679.98	12.53	13.00	1.114	0.08	0.154	0.172
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 5	ECI 6	646000	3690	18.41	18.50	1.021	-0.17	0.621	0.634
	FR1 n48	30M	BPSK	36	18	Back	5mm	Ant 5	ECI 6	645666	3684.99	18.43	18.50	1.016	-0.03	0.599	0.609
	FR1 n48	40M	BPSK	1	0	Left Edge	5mm	Ant 5	ECI 6	641666	3624.99	18.46	18.50	1.009	0	0.001	0.001
	FR1 n48	40M	BPSK	50	25	Left Edge	5mm	Ant 5	ECI 6	641666	3624.99	18.44	18.50	1.014	0	0.001	0.001
	FR1 n48	40M	BPSK	1	0	Right Edge	5mm	Ant 5	ECI 6	641666	3624.99	18.46	18.50	1.009	0.14	0.439	0.443
	FR1 n48	40M	BPSK	50	25	Right Edge	5mm	Ant 5	ECI 6	641666	3624.99	18.44	18.50	1.014	0.11	0.421	0.427
	FR1 n48	40M	BPSK	1	0	Top Edge	5mm	Ant 5	ECI 6	641666	3624.99	18.46	18.50	1.009	-0.05	0.155	0.156
	FR1 n48	40M	BPSK	50	25	Top Edge	5mm	Ant 5	ECI 6	641666	3624.99	18.44	18.50	1.014	0.18	0.147	0.149
	FR1 n77	100M	BPSK	1	137	Front	5mm	Ant 6	ECI 6	633332	3499.98	16.25	16.60	1.084	-0.19	0.314	0.340
	FR1 n77	100M	BPSK	135	69	Front	5mm	Ant 6	ECI 6	633332	3499.98	16.15	16.60	1.109	-0.06	0.276	0.306
	FR1 n77	100M	BPSK	1	137	Back	5mm	Ant 6	ECI 6	633332	3499.98	16.25	16.60	1.084	-0.01	0.519	0.563
	FR1 n77	100M	BPSK	135	69	Back	5mm	Ant 6	ECI 6	633332	3499.98	16.15	16.60	1.109	-0.02	0.506	0.561
	FR1 n77	100M	BPSK	1	137	Left Edge	5mm	Ant 6	ECI 6	633332	3499.98	16.25	16.60	1.084	-0.08	0.610	0.661
	FR1 n77	100M	BPSK	135	69	Left Edge	5mm	Ant 6	ECI 6	633332	3499.98	16.15	16.60	1.109	-0.06	0.634	0.703
	FR1 n77	100M	BPSK	1	137	Right Edge	5mm	Ant 6	ECI 6	633332	3499.98	16.25	16.60	1.084	-0.14	0.131	0.142
	FR1 n77	100M	BPSK	135	69	Right Edge	5mm	Ant 6	ECI 6	633332	3499.98	16.15	16.60	1.109	0.12	0.122	0.135
	FR1 n77	100M	BPSK	1	137	Bottom Edge	5mm	Ant 6	ECI 6	633332	3499.98	16.25	16.60	1.084	0.11	0.233	0.253
	FR1 n77	100M	BPSK	135	69	Bottom Edge	5mm	Ant 6	ECI 6	633332	3499.98	16.15	16.60	1.109	0.00	0.264	0.293
	FR1 n77_HPUE	100M	BPSK	135	69	Left Edge	5mm	Ant 6	ECI 6	633332	3499.98	19.41	19.60	1.045	-0.01	0.538	0.661
	FR1 n77C	100M	BPSK	135	138	Left Edge	5mm	Ant 6	ECI 6	633332+639996	3499.98	16.04	16.6	1.138	0.08	0.571	0.650
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 7	ECI 6	633332	3499.98	14.93	15.30	1.089	0.13	0.308	0.335
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 7	ECI 6	633332	3499.98	14.88	15.30	1.102	0.16	0.293	0.323
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 7	ECI 6	633332	3499.98	14.93	15.30	1.089	-0.04	0.441	0.480
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 6	633332	3499.98	14.88	15.30	1.102	-0.18	0.432	0.476
	FR1 n77	100M	BPSK	1	271	Left Edge	5mm	Ant 7	ECI 6	633332	3499.98	14.93	15.30	1.089	0.14	0.053	0.058
	FR1 n77	100M	BPSK	135	138	Left Edge	5mm	Ant 7	ECI 6	633332	3499.98	14.88	15.30	1.102	0.08	0.053	0.058
	FR1 n77	100M	BPSK	1	271	Right Edge	5mm	Ant 7	ECI 6	633332	3499.98	14.93	15.30	1.089	0.07	0.526	0.573
	FR1 n77	100M	BPSK	135	138	Right Edge	5mm	Ant 7	ECI 6	633332	3499.98	14.88	15.30	1.102	0.18	0.481	0.530
	FR1 n77	100M	BPSK	1	271	Bottom Edge	5mm	Ant 7	ECI 6	633332	3499.98	14.93	15.30	1.089	-0.07	0.092	0.100
	FR1 n77	100M	BPSK	135	138	Bottom Edge	5mm	Ant 7	ECI 6	633332	3499.98	14.88	15.30	1.102	-0.10	0.101	0.111
	FR1 n77_HPUE	100M	BPSK	1	137	Right Edge	5mm	Ant 7	ECI 6	633332	3499.98	18.30	18.30	1.0	0.11	0.458	0.539
	FR1 n77C	100M	BPSK	135	138	Right Edge	5mm	Ant 7	ECI 6	633332+639996	3499.98	14.4	15.3	1.230	-0.02	0.430	0.529
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 1	ECI 6	633332	3499.98	14.55	14.70	1.035	0.07	0.344	0.356
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 1	ECI 6	633332	3499.98	14.25	14.70	1.109	-0.18	0.347	0.385
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 1	ECI 6	633332	3499.98	14.55	14.70	1.035	0.03	0.370	0.383
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 6	633332	3499.98	14.25	14.70	1.109	-0.15	0.405	0.449
	FR1 n77	100M	BPSK	1	271	Left Edge	5mm	Ant 1	ECI 6	633332	3499.98	14.55	14.70	1.035	-0.15	0.307	0.318
	FR1 n77	100M	BPSK	135	138	Left Edge	5mm	Ant 1	ECI 6	633332	3499.98	14.25	14.70	1.109	0.11	0.375	0.416
	FR1 n77	100M	BPSK	1	271	Right Edge	5mm	Ant 1	ECI 6	633332	3499.98	14.55	14.70	1.035	-0.08	0.076	0.079
	FR1 n77	100M	BPSK	135	138	Right Edge	5mm	Ant 1	ECI 6	633332	3499.98	14.25	14.70	1.109	-0.17	0.080	0.089
	FR1 n77	100M	BPSK	1	271	Top Edge	5mm	Ant 1	ECI 6	633332	3499.98	14.55	14.70	1.035	-0.08	0.528	0.546
	FR1 n77	100M	BPSK	135	138	Top Edge	5mm	Ant 1	ECI 6	633332	3499.98	14.25	14.70	1.109	-0.04	0.559	0.620
	FR1 n77_HPUE	100M	BPSK	135	138	Top Edge	5mm	Ant 1	ECI 6	633332	3499.98	17.64	17.70	1.014	0.07	0.487	0.581
	FR1 n77C	100M	BPSK	135	138	Top Edge	5mm	Ant 1	ECI 6	633332+639996	3499.98	13.95	14.7	1.189	-0.12	0.510	0.606
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 5	ECI 6	633332	3499.98	18.15	18.40	1.059	0.16	0.210	0.222
	FR1 n77	100M	BPSK	135	69	Front	5mm	Ant 5	ECI 6	633332	3499.98	18.22	18.40	1.042	-0.15	0.232	0.242
	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 5	ECI 6	633332	3499.98	18.15	18.40	1.059	0.02	0.697	0.738
	FR1 n77	100M	BPSK	135	69	Back	5mm	Ant 5	ECI 6	633332	3499.98	18.22	18.40	1.042	0.01	0.730	0.761
	FR1 n77	100M	BPSK	1	1	Left Edge	5mm	Ant 5	ECI 6	633332	3499.98	18.15	18.40	1.059	0.00	0.001	0.001
	FR1 n77	100M	BPSK	135	69	Left Edge	5mm	Ant 5	ECI 6	633332	3499.98	18.22	18.40	1.042	0.00	0.001	0.001
	FR1 n77	100M	BPSK	1	1	Right Edge	5mm	Ant 5	ECI 6	633332	3499.98	18.15	18.40	1.059	-0.14	0.234	0.248
	FR1 n77	100M	BPSK	135	69	Right Edge	5mm	Ant 5	ECI 6	633332	3499.98	18.22	18.40	1.042	-0.06	0.232	0.242
	FR1 n77	100M	BPSK	1	1	Top Edge	5mm	Ant 5	ECI 6	633332	3499.98	18.15	18.40	1.059	-0.02	0.130	0.138
	FR1 n77	100M	BPSK	135	69	Top Edge	5mm	Ant 5	ECI 6	633332	3499.98	18.22	18.40	1.042	-0.12	0.137	0.143
	FR1 n77_HPUE	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 6	633332	3499.98	21.36	21.40	1.009	0.03	0.624	0.740



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	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 6	633332+639996	3499.98	17.32	18.4	1.282	0.09	0.561	0.719
	FR1 n77	100M	BPSK	1	137	Front	5mm	Ant 6	ECI 6	656000	3840	16.24	16.60	1.086	0.06	0.451	0.490
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 6	ECI 6	656000	3840	16.13	16.60	1.114	-0.09	0.430	0.479
	FR1 n77	100M	BPSK	1	137	Back	5mm	Ant 6	ECI 6	656000	3840	16.24	16.60	1.086	-0.15	0.469	0.509
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 6	ECI 6	656000	3840	16.13	16.60	1.114	0.09	0.416	0.463
	FR1 n77	100M	BPSK	1	137	Left Edge	5mm	Ant 6	ECI 6	656000	3840	16.24	16.60	1.086	-0.13	0.210	0.228
	FR1 n77	100M	BPSK	135	0	Left Edge	5mm	Ant 6	ECI 6	656000	3840	16.13	16.60	1.114	0.06	0.204	0.227
	FR1 n77	100M	BPSK	1	137	Right Edge	5mm	Ant 6	ECI 6	656000	3840	16.24	16.60	1.086	-0.15	0.124	0.135
	FR1 n77	100M	BPSK	135	0	Right Edge	5mm	Ant 6	ECI 6	656000	3840	16.13	16.60	1.114	0.17	0.090	0.100
	FR1 n77	100M	BPSK	1	137	Bottom Edge	5mm	Ant 6	ECI 6	656000	3840	16.24	16.60	1.086	-0.03	0.598	0.649
	FR1 n77	100M	BPSK	135	0	Bottom Edge	5mm	Ant 6	ECI 6	656000	3840	16.13	16.60	1.114	0.03	0.511	0.569
	FR1 n77_HPUE	100M	BPSK	1	137	Bottom Edge	5mm	Ant 6	ECI 6	656000	3840	19.53	19.60	1.016	-0.04	0.525	0.627
	FR1 n77C	100M	BPSK	135	138	Bottom Edge	5mm	Ant 6	ECI 6	656000+662664	3840	16.11	16.6	1.119	-0.08	0.563	0.630
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 7	ECI 6	656000	3840	15.13	15.30	1.04	-0.14	0.257	0.267
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 7	ECI 6	656000	3840	15.03	15.30	1.064	-0.11	0.301	0.320
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 7	ECI 6	656000	3840	15.13	15.30	1.04	0.10	0.357	0.371
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 7	ECI 6	656000	3840	15.03	15.30	1.064	-0.08	0.373	0.397
	FR1 n77	100M	BPSK	1	271	Left Edge	5mm	Ant 7	ECI 6	656000	3840	15.13	15.30	1.04	0.13	0.001	0.001
	FR1 n77	100M	BPSK	135	0	Left Edge	5mm	Ant 7	ECI 6	656000	3840	15.03	15.30	1.064	-0.18	0.001	0.001
	FR1 n77	100M	BPSK	1	271	Right Edge	5mm	Ant 7	ECI 6	656000	3840	15.13	15.30	1.04	-0.12	0.710	0.738
	FR1 n77	100M	BPSK	135	0	Right Edge	5mm	Ant 7	ECI 6	656000	3840	15.03	15.30	1.064	0.02	0.642	0.683
	FR1 n77	100M	BPSK	1	271	Bottom Edge	5mm	Ant 7	ECI 6	656000	3840	15.13	15.30	1.04	0.01	0.079	0.082
	FR1 n77	100M	BPSK	135	0	Bottom Edge	5mm	Ant 7	ECI 6	656000	3840	15.03	15.30	1.064	-0.09	0.099	0.105
	FR1 n77_HPUE	100M	BPSK	1	137	Right Edge	5mm	Ant 7	ECI 6	656000	3840	18.30	18.30	1.0	0.02	0.582	0.684
	FR1 n77C	100M	BPSK	135	138	Right Edge	5mm	Ant 7	ECI 6	656000+662664	3840	14.47	15.3	1.211	-0.08	0.611	0.740
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 1	ECI 6	656000	3840	14.50	14.70	1.047	-0.08	0.184	0.193
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 1	ECI 6	656000	3840	14.43	14.70	1.064	0.03	0.193	0.205
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 1	ECI 6	656000	3840	14.50	14.70	1.047	-0.12	0.325	0.340
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 6	656000	3840	14.43	14.70	1.064	0.15	0.334	0.355
	FR1 n77	100M	BPSK	1	271	Left Edge	5mm	Ant 1	ECI 6	656000	3840	14.50	14.70	1.047	-0.13	0.544	0.570
	FR1 n77	100M	BPSK	135	138	Left Edge	5mm	Ant 1	ECI 6	656000	3840	14.43	14.70	1.064	-0.17	0.556	0.592
	FR1 n77	100M	BPSK	1	271	Right Edge	5mm	Ant 1	ECI 6	656000	3840	14.50	14.70	1.047	0.05	0.001	0.001
	FR1 n77	100M	BPSK	135	138	Right Edge	5mm	Ant 1	ECI 6	656000	3840	14.43	14.70	1.064	0.13	0.001	0.001
	FR1 n77	100M	BPSK	1	271	Top Edge	5mm	Ant 1	ECI 6	656000	3840	14.50	14.70	1.047	0.03	0.068	0.071
	FR1 n77	100M	BPSK	135	138	Top Edge	5mm	Ant 1	ECI 6	656000	3840	14.43	14.70	1.064	0.05	0.068	0.072
	FR1 n77_HPUE	100M	BPSK	135	138	Left Edge	5mm	Ant 1	ECI 6	656000	3840	17.68	17.70	1.005	-0.10	0.478	0.565
	FR1 n77C	100M	BPSK	135	138	Left Edge	5mm	Ant 1	ECI 6	656000+662664	3840	14.08	14.7	1.153	-0.17	0.474	0.547
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 5	ECI 6	656000	3840	18.38	18.40	1.005	0.06	0.408	0.410
	FR1 n77	100M	BPSK	135	69	Front	5mm	Ant 5	ECI 6	656000	3840	18.34	18.40	1.014	-0.17	0.413	0.419
	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 5	ECI 6	656000	3840	18.38	18.40	1.005	0.05	0.629	0.632
	FR1 n77	100M	BPSK	135	69	Back	5mm	Ant 5	ECI 6	656000	3840	18.34	18.40	1.014	-0.04	0.534	0.541
	FR1 n77	100M	BPSK	1	1	Left Edge	5mm	Ant 5	ECI 6	656000	3840	18.38	18.40	1.005	0.00	0.001	0.001
	FR1 n77	100M	BPSK	135	69	Left Edge	5mm	Ant 5	ECI 6	656000	3840	18.34	18.40	1.014	0.00	0.001	0.001
	FR1 n77	100M	BPSK	1	1	Right Edge	5mm	Ant 5	ECI 6	656000	3840	18.38	18.40	1.005	0.07	0.344	0.346
	FR1 n77	100M	BPSK	135	69	Right Edge	5mm	Ant 5	ECI 6	656000	3840	18.34	18.40	1.014	-0.09	0.351	0.356
	FR1 n77	100M	BPSK	1	1	Top Edge	5mm	Ant 5	ECI 6	656000	3840	18.38	18.40	1.005	0.04	0.048	0.048
	FR1 n77	100M	BPSK	135	69	Top Edge	5mm	Ant 5	ECI 6	656000	3840	18.34	18.40	1.014	-0.13	0.049	0.050
	FR1 n77_HPUE	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 6	656000	3840	21.40	21.40	1.0	-0.10	0.502	0.590
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 6	656000+662664	3840	17.42	18.4	1.253	0.01	0.449	0.563

< WLAN SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	Index 4	6	2437	11.62	12.00	1.091	99.88	1.001	-0.15	0.117	0.128
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 4	6	2437	11.62	12.00	1.091	99.88	1.001	-0.16	0.191	0.209
67	WLAN2.4GHz	802.11b 1Mbps	Left Edge	5mm	Ant 3	Index 4	6	2437	11.62	12.00	1.091	99.88	1.001	-0.11	0.229	0.250
	WLAN2.4GHz	802.11b 1Mbps	Right Edge	5mm	Ant 3	Index 4	6	2437	11.62	12.00	1.091	99.88	1.001	-0.18	0.003	0.003
	WLAN2.4GHz	802.11b 1Mbps	Top Edge	5mm	Ant 3	Index 4	6	2437	11.62	12.00	1.091	99.88	1.001	0.16	0.007	0.008
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 4	Index 4	1	2412	11.66	12.00	1.081	99.88	1.001	0.06	0.048	0.052
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 4	Index 4	1	2412	11.66	12.00	1.081	99.88	1.001	0.13	0.093	0.101
	WLAN2.4GHz	802.11b 1Mbps	Left Edge	5mm	Ant 4	Index 4	1	2412	11.66	12.00	1.081	99.88	1.001	-0.07	0.009	0.010
	WLAN2.4GHz	802.11b 1Mbps	Right Edge	5mm	Ant 4	Index 4	1	2412	11.66	12.00	1.081	99.88	1.001	0.11	0.016	0.017
	WLAN2.4GHz	802.11b 1Mbps	Top Edge	5mm	Ant 4	Index 4	1	2412	11.66	12.00	1.081	99.88	1.001	0.01	0.120	0.130
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3+4(3)	Index 4	6	2437	11.87	12.00	1.030	100	1.000	-0.05	0.106	0.109
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3+4(4)	Index 4	6	2437	11.44	12.00	1.138	100	1.000	-0.05	0.077	0.088
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+4(3)	Index 4	6	2437	11.87	12.00	1.030	100	1.000	-0.11	0.193	0.199
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+4(4)	Index 4	6	2437	11.44	12.00	1.138	100	1.000	-0.11	0.057	0.065
	WLAN2.4GHz	802.11b 1Mbps	Left Edge	5mm	Ant 3+4(3)	Index 4	6	2437	11.87	12.00	1.030	100	1.000	-0.1	0.217	0.224
	WLAN2.4GHz	802.11b 1Mbps	Left Edge	5mm	Ant 3+4(4)	Index 4	6	2437	11.44	12.00	1.138	100	1.000	-0.1	0.001	0.001



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	WLAN2.4GHz	802.11b 1Mbps	Right Edge	5mm	Ant 3+4(3)	Index 4	6	2437	11.87	12.00	1.030	100	1.000	-0.18	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right Edge	5mm	Ant 3+4(4)	Index 4	6	2437	11.44	12.00	1.138	100	1.000	-0.18	0.023	0.026
	WLAN2.4GHz	802.11b 1Mbps	Top Edge	5mm	Ant 3+4(3)	Index 4	6	2437	11.87	12.00	1.030	100	1.000	-0.04	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top Edge	5mm	Ant 3+4(4)	Index 4	6	2437	11.44	12.00	1.138	100	1.000	-0.04	0.112	0.127
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 3+4(3)	Index 4	42	5210	12.71	13.00	1.069	97.77	1.023	-0.19	0.102	0.112
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 3+4(4)	Index 4	42	5210	12.68	13.00	1.076	97.77	1.023	-0.19	0.078	0.086
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 3+4(3)	Index 4	42	5210	12.71	13.00	1.069	97.77	1.023	0.05	0.101	0.110
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 3+4(4)	Index 4	42	5210	12.68	13.00	1.076	97.77	1.023	0.05	0.123	0.135
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	5mm	Ant 3+4(3)	Index 4	42	5210	12.71	13.00	1.069	97.77	1.023	0.16	0.083	0.091
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	5mm	Ant 3+4(4)	Index 4	42	5210	12.68	13.00	1.076	97.77	1.023	0.16	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	5mm	Ant 3+4(3)	Index 4	42	5210	12.71	13.00	1.069	97.77	1.023	-0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	5mm	Ant 3+4(4)	Index 4	42	5210	12.68	13.00	1.076	97.77	1.023	-0.12	0.031	0.034
68	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	5mm	Ant 3+4(3)	Index 4	42	5210	12.71	13.00	1.069	97.77	1.023	-0.18	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	5mm	Ant 3+4(4)	Index 4	42	5210	12.68	13.00	1.076	97.77	1.023	-0.18	0.218	0.240
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 3+4(3)	Index 4	155	5775	10.81	11.00	1.045	97.77	1.023	0.19	0.096	0.103
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 3+4(4)	Index 4	155	5775	10.96	11.00	1.009	97.77	1.023	0.19	0.077	0.079
69	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 3+4(3)	Index 4	155	5775	10.81	11.00	1.045	97.77	1.023	-0.03	0.145	0.155
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 3+4(4)	Index 4	155	5775	10.96	11.00	1.009	97.77	1.023	-0.03	0.242	0.250
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	5mm	Ant 3+4(3)	Index 4	155	5775	10.81	11.00	1.045	97.77	1.023	-0.1	0.104	0.111
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	5mm	Ant 3+4(4)	Index 4	155	5775	10.96	11.00	1.009	97.77	1.023	-0.1	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	5mm	Ant 3+4(3)	Index 4	155	5775	10.81	11.00	1.045	97.77	1.023	0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	5mm	Ant 3+4(4)	Index 4	155	5775	10.96	11.00	1.009	97.77	1.023	0.12	0.011	0.011
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	5mm	Ant 3+4(3)	Index 4	155	5775	10.81	11.00	1.045	97.77	1.023	0.15	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	5mm	Ant 3+4(4)	Index 4	155	5775	10.96	11.00	1.009	97.77	1.023	0.15	0.167	0.172

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE160 MCS0	Front	5mm	Ant 3+4(3)	Index 4	143	6665	16.00	16.50	1.122	95.24	1.050	0.08	0.086	0.101	0.571	0.673
	WLAN6GHz	802.11ax-HE160 MCS0	Front	5mm	Ant 3+4(4)	Index 4	143	6665	16.10	16.50	1.096	95.24	1.050	0.08	0.027	0.031	0.179	0.206
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(3)	Index 4	143	6665	16.00	16.50	1.122	95.24	1.050	0.01	0.202	0.238	1.340	1.579
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(4)	Index 4	143	6665	16.10	16.50	1.096	95.24	1.050	0.01	0.064	0.074	0.425	0.489
	WLAN6GHz	802.11ax-HE160 MCS0	Left Edge	5mm	Ant 3+4(3)	Index 4	143	6665	16.00	16.50	1.122	95.24	1.050	0.03	0.089	0.105	0.591	0.696
	WLAN6GHz	802.11ax-HE160 MCS0	Left Edge	5mm	Ant 3+4(4)	Index 4	143	6665	16.10	16.50	1.096	95.24	1.050	0.03	0.001	0.001	0.186	0.214
	WLAN6GHz	802.11ax-HE160 MCS0	Right Edge	5mm	Ant 3+4(3)	Index 4	143	6665	16.00	16.50	1.122	95.24	1.050	-0.08	0.001	0.001	0.080	0.094
	WLAN6GHz	802.11ax-HE160 MCS0	Right Edge	5mm	Ant 3+4(4)	Index 4	143	6665	16.10	16.50	1.096	95.24	1.050	-0.08	0.028	0.032	0.186	0.214
	WLAN6GHz	802.11ax-HE160 MCS0	Top Edge	5mm	Ant 3+4(3)	Index 4	143	6665	16.00	16.50	1.122	95.24	1.050	-0.08	0.001	0.001	0.610	0.719
	WLAN6GHz	802.11ax-HE160 MCS0	Top Edge	5mm	Ant 3+4(4)	Index 4	143	6665	16.10	16.50	1.096	95.24	1.050	-0.08	0.092	0.106	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(3)	Index 4	15	6025	10.50	12.50	1.585	95.24	1.050	0.1	0.111	0.185	0.737	1.227
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(4)	Index 4	15	6025	12.31	12.50	1.045	95.24	1.050	0.1	0.035	0.038	0.232	0.255
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(3)	Index 4	47	6185	10.58	12.50	1.556	95.24	1.050	-0.18	0.146	0.239	0.969	1.583
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(4)	Index 4	47	6185	12.00	12.50	1.122	95.24	1.050	-0.18	0.046	0.054	0.305	0.359
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(3)	Index 4	111	6505	9.77	11.50	1.489	95.24	1.050	0.1	0.131	0.205	0.869	1.359
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(4)	Index 4	111	6505	11.35	11.50	1.035	95.24	1.050	0.1	0.041	0.045	0.272	0.296
70	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(3)	Index 4	207	6985	14.22	14.50	1.067	95.24	1.050	0.18	0.214	0.240	1.420	1.591
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 3+4(4)	Index 4	207	6985	13.67	14.50	1.211	95.24	1.050	0.18	0.067	0.085	0.410	0.521

< Bluetooth SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	5mm	Ant 3	BT Index 4	39	2441	12.52	13.00	1.117	76.93	1.083	-0.13	0.107	0.129
	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 4	39	2441	12.52	13.00	1.117	76.93	1.083	-0.15	0.155	0.188
	Bluetooth	1Mbps	Left Edge	5mm	Ant 3	BT Index 4	39	2441	12.52	13.00	1.117	76.93	1.083	-0.13	0.187	0.226
	Bluetooth	1Mbps	Right Edge	5mm	Ant 3	BT Index 4	39	2441	12.52	13.00	1.117	76.93	1.083	-0.05	0.004	0.005
	Bluetooth	1Mbps	Top Edge	5mm	Ant 3	BT Index 4	39	2441	12.52	13.00	1.117	76.93	1.083	-0.13	0.011	0.013
	Bluetooth	1Mbps	Front	5mm	Ant 4	BT Index 4	39	2441	15.30	15.50	1.047	76.93	1.083	-0.1	0.118	0.134
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 4	39	2441	15.30	15.50	1.047	76.93	1.083	0.19	0.146	0.166
	Bluetooth	1Mbps	Left Edge	5mm	Ant 4	BT Index 4	39	2441	15.30	15.50	1.047	76.93	1.083	0.18	0.012	0.014
	Bluetooth	1Mbps	Right Edge	5mm	Ant 4	BT Index 4	39	2441	15.30	15.50	1.047	76.93	1.083	-0.16	0.045	0.051
	Bluetooth	1Mbps	Top Edge	5mm	Ant 4	BT Index 4	39	2441	15.30	15.50	1.047	76.93	1.083	-0.04	0.199	0.226
	Bluetooth	1Mbps	Front	5mm	Ant 3+4(3)	BT Index 4	0	2402	12.50	13.00	1.122	76.93	1.083	-0.13	0.102	0.124
	Bluetooth	1Mbps	Front	5mm	Ant 3+4(4)	BT Index 4	0	2402	12.68	13.00	1.076	76.93	1.083	-0.13	0.075	0.087
	Bluetooth	1Mbps	Back	5mm	Ant 3+4(3)	BT Index 4	0	2402	12.50	13.00	1.122	76.93	1.083	-0.16	0.137	0.166
	Bluetooth	1Mbps	Back	5mm	Ant 3+4(4)	BT Index 4	0	2402	12.68	13.00	1.076	76.93	1.083	-0.16	0.073	0.085
	Bluetooth	1Mbps	Left Edge	5mm	Ant 3+4(3)	BT Index 4	0	2402	12.50	13.00	1.122	76.93	1.083	-0.06	0.191	0.232
	Bluetooth	1Mbps	Left Edge	5mm	Ant 3+4(4)	BT Index 4	0	2402	12.68	13.00	1.076	76.93	1.083	-0.06	0.001	0.001
	Bluetooth	1Mbps	Right Edge	5mm	Ant 3+4(3)	BT Index 4	0	2402	12.50	13.00	1.122	76.93	1.083	-0.01	0.001	0.001
	Bluetooth	1Mbps	Right Edge	5mm	Ant 3+4(4)	BT Index 4	0	2402	12.68	13.00	1.076	76.93	1.083	-0.01	0.026	0.030

	Bluetooth	1Mbps	Top Edge	5mm	Ant 3+4(3)	BT Index 4	0	2402	12.50	13.00	1.122	76.93	1.083	-0.04	0.001	0.001
	Bluetooth	1Mbps	Top Edge	5mm	Ant 3+4(4)	BT Index 4	0	2402	12.68	13.00	1.076	76.93	1.083	-0.04	0.142	0.165
	Bluetooth	1Mbps	Front	5mm	Ant 3	BT Index 3	39	2441	12.52	14.50	1.578	76.93	1.083	-0.13	0.107	0.183
	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 3	39	2441	12.52	14.50	1.578	76.93	1.083	-0.15	0.155	0.265
	Bluetooth	1Mbps	Left Edge	5mm	Ant 3	BT Index 3	39	2441	12.52	14.50	1.578	76.93	1.083	-0.13	0.187	0.320
	Bluetooth	1Mbps	Right Edge	5mm	Ant 3	BT Index 3	39	2441	12.52	14.50	1.578	76.93	1.083	-0.05	0.004	0.007
	Bluetooth	1Mbps	Top Edge	5mm	Ant 3	BT Index 3	39	2441	12.52	14.50	1.578	76.93	1.083	-0.13	0.011	0.019
	Bluetooth	1Mbps	Front	5mm	Ant 4	BT Index 3	39	2441	19.10	19.50	1.096	76.93	1.083	-0.08	0.234	0.278
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 3	39	2441	19.10	19.50	1.096	76.93	1.083	0.1	0.260	0.309
	Bluetooth	1Mbps	Left Edge	5mm	Ant 4	BT Index 3	39	2441	19.10	19.50	1.096	76.93	1.083	-0.18	0.024	0.028
	Bluetooth	1Mbps	Right Edge	5mm	Ant 4	BT Index 3	39	2441	19.10	19.50	1.096	76.93	1.083	0.1	0.089	0.106
71	Bluetooth	1Mbps	Top Edge	5mm	Ant 4	BT Index 3	39	2441	19.10	19.50	1.096	76.93	1.083	-0.02	0.395	0.469
	Bluetooth	1Mbps	Front	5mm	Ant 3+4(3)	BT Index 3	0	2402	12.54	14.50	1.570	76.93	1.083	-0.13	0.102	0.173
	Bluetooth	1Mbps	Front	5mm	Ant 3+4(4)	BT Index 3	0	2402	12.68	14.50	1.521	76.93	1.083	-0.13	0.075	0.124
	Bluetooth	1Mbps	Back	5mm	Ant 3+4(3)	BT Index 3	0	2402	12.54	14.50	1.570	76.93	1.083	-0.16	0.137	0.233
	Bluetooth	1Mbps	Back	5mm	Ant 3+4(4)	BT Index 3	0	2402	12.68	14.50	1.521	76.93	1.083	-0.16	0.073	0.120
	Bluetooth	1Mbps	Left Edge	5mm	Ant 3+4(3)	BT Index 3	0	2402	12.54	14.50	1.570	76.93	1.083	-0.06	0.191	0.325
	Bluetooth	1Mbps	Left Edge	5mm	Ant 3+4(4)	BT Index 3	0	2402	12.68	14.50	1.521	76.93	1.083	-0.06	0.001	0.002
	Bluetooth	1Mbps	Right Edge	5mm	Ant 3+4(3)	BT Index 3	0	2402	12.54	14.50	1.570	76.93	1.083	-0.01	0.001	0.002
	Bluetooth	1Mbps	Right Edge	5mm	Ant 3+4(4)	BT Index 3	0	2402	12.68	14.50	1.521	76.93	1.083	-0.01	0.026	0.043
	Bluetooth	1Mbps	Top Edge	5mm	Ant 3+4(3)	BT Index 3	0	2402	12.54	14.50	1.570	76.93	1.083	-0.04	0.001	0.002
	Bluetooth	1Mbps	Top Edge	5mm	Ant 3+4(4)	BT Index 3	0	2402	12.68	14.50	1.521	76.93	1.083	-0.04	0.142	0.234

< Threads SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Thread	250K	Front	5mm	Ant 3	Thread Index 3	26	2480	12.60	14.50	1.549	89.63	1.116	0.09	0.096	0.166
	Thread	250K	Back	5mm	Ant 3	Thread Index 3	26	2480	12.60	14.50	1.549	89.63	1.116	-0.04	0.153	0.264
72	Thread	250K	Left Edge	5mm	Ant 3	Thread Index 3	26	2480	12.60	14.50	1.549	89.63	1.116	-0.12	0.186	0.322
	Thread	250K	Right Edge	5mm	Ant 3	Thread Index 3	26	2480	12.60	14.50	1.549	89.63	1.116	0.11	0.003	0.005
	Thread	250K	Top Edge	5mm	Ant 3	Thread Index 3	26	2480	12.60	14.50	1.549	89.63	1.116	-0.05	0.008	0.014
	Thread	250K	Front	5mm	Ant 3	Thread Index 4	26	2480	12.60	13.00	1.096	89.63	1.116	0.09	0.096	0.117
	Thread	250K	Back	5mm	Ant 3	Thread Index 4	26	2480	12.60	13.00	1.096	89.63	1.116	-0.04	0.153	0.187
	Thread	250K	Left Edge	5mm	Ant 3	Thread Index 4	26	2480	12.60	13.00	1.096	89.63	1.116	-0.12	0.186	0.228
	Thread	250K	Right Edge	5mm	Ant 3	Thread Index 4	26	2480	12.60	13.00	1.096	89.63	1.116	0.11	0.003	0.004
	Thread	250K	Top Edge	5mm	Ant 3	Thread Index 4	26	2480	12.60	13.00	1.096	89.63	1.116	-0.05	0.008	0.010

14.3 Body Worn Accessory SAR

[GSM SAR]

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850	GPRS 4 Tx slots	Front	5mm	Ant 0	ECI 4	189	836.4	25.97	26.40	1.104	0.00	0.484	0.534
	GSM850	GPRS 4 Tx slots	Back	5mm	Ant 0	ECI 4	189	836.4	25.97	26.40	1.104	-0.07	0.668	0.737
	GSM850	GPRS 4 Tx slots	Front	5mm	Ant 0	ECI 5	189	836.4	25.97	26.20	1.054	0.00	0.484	0.510
	GSM850	GPRS 4 Tx slots	Back	5mm	Ant 0	ECI 5	189	836.4	25.97	26.20	1.054	-0.07	0.668	0.704
	GSM850	GPRS 4 Tx slots	Front	5mm	Ant 1	ECI 4	189	836.4	29.49	30.00	1.125	0.01	0.354	0.398
73	GSM850	GPRS 4 Tx slots	Back	5mm	Ant 1	ECI 4	189	836.4	29.49	30.00	1.125	-0.01	0.668	0.752
	GSM850	GPRS 4 Tx slots	Front	5mm	Ant 1	ECI 5	189	836.4	27.75	28.60	1.216	0.11	0.218	0.265
	GSM850	GPRS 4 Tx slots	Back	5mm	Ant 1	ECI 5	189	836.4	27.75	28.60	1.216	0.06	0.431	0.524
	GSM1900	GPRS 4 Tx slots	Front	5mm	Ant 2	ECI 4	512	1850.2	22.56	24.30	1.493	-0.05	0.481	0.718
	GSM1900	GPRS 4 Tx slots	Back	5mm	Ant 2	ECI 4	512	1850.2	22.56	24.30	1.493	-0.05	0.492	0.735
	GSM1900	GPRS 4 Tx slots	Front	5mm	Ant 2	ECI 5	512	1850.2	22.56	22.70	1.033	-0.05	0.481	0.497
	GSM1900	GPRS 4 Tx slots	Back	5mm	Ant 2	ECI 5	512	1850.2	22.56	22.70	1.033	-0.05	0.492	0.508
	GSM1900	GPRS 4 Tx slots	Front	5mm	Ant 0	ECI 4	661	1880	17.88	19.60	1.486	-0.19	0.414	0.615
74	GSM1900	GPRS 4 Tx slots	Back	5mm	Ant 0	ECI 4	661	1880	17.88	19.60	1.486	-0.05	0.521	0.774
	GSM1900	GPRS 4 Tx slots	Front	5mm	Ant 0	ECI 5	661	1880	17.88	18.20	1.076	-0.19	0.414	0.445
	GSM1900	GPRS 4 Tx slots	Back	5mm	Ant 0	ECI 5	661	1880	17.88	18.20	1.076	-0.05	0.521	0.561



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

[WCDMA SAR]

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
75	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 4	9400	1880	19.30	20.90	1.445	-0.14	0.545	0.788
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 4	9400	1880	19.30	20.90	1.445	0.07	0.525	0.759
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 5	9400	1880	19.30	19.50	1.047	-0.14	0.545	0.571
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 5	9400	1880	19.30	19.50	1.047	0.07	0.525	0.550
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 4	9400	1880	14.43	16.30	1.538	-0.14	0.423	0.651
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 4	9400	1880	14.43	16.30	1.538	0.19	0.496	0.763
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 5	9400	1880	14.43	14.50	1.016	-0.14	0.423	0.430
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 5	9400	1880	14.43	14.50	1.016	0.19	0.496	0.504
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 4	1413	1732.6	20.33	21.80	1.403	-0.13	0.491	0.689
76	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 4	1413	1732.6	20.33	21.80	1.403	-0.06	0.566	0.794
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 5	1413	1732.6	20.33	20.40	1.016	-0.13	0.491	0.499
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 5	1413	1732.6	20.33	20.40	1.016	-0.06	0.566	0.575
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 4	1312	1712.4	14.90	16.70	1.514	0.18	0.380	0.575
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 4	1312	1712.4	14.90	16.70	1.514	0.12	0.498	0.754
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 5	1312	1712.4	14.90	15.30	1.096	0.18	0.380	0.416
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 5	1312	1712.4	14.90	15.30	1.096	0.12	0.498	0.546
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 4	4182	836.4	20.85	22.00	1.303	0.18	0.379	0.494
77	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 4	4182	836.4	20.85	22.00	1.303	-0.19	0.562	0.732
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 5	4182	836.4	20.85	22.00	1.303	0.18	0.379	0.494
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 5	4182	836.4	20.85	22.00	1.303	-0.19	0.562	0.732
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 4	4182	836.4	24.47	24.70	1.054	-0.02	0.221	0.233
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 4	4182	836.4	24.47	24.70	1.054	-0.08	0.462	0.487
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 5	4182	836.4	24.47	24.70	1.054	-0.02	0.221	0.233
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 5	4182	836.4	24.47	24.70	1.054	-0.08	0.462	0.487

[LTE SAR]

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	21100	2535	16.90	18.70	1.514			0.16	0.334	0.506
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	21100	2535	16.94	18.70	1.5			-0.12	0.372	0.558
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	21100	2535	16.90	18.70	1.514			-0.13	0.476	0.721
78	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	21100	2535	16.94	18.70	1.5			-0.11	0.519	0.779
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	21350+21152	2560+2540.2	17	18.7	1.479			0.03	0.516	0.763
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	21100	2535	16.90	17.00	1.023			0.16	0.334	0.342
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	21100	2535	16.94	17.00	1.014			-0.12	0.372	0.377
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	21100	2535	16.90	17.00	1.023			-0.13	0.476	0.487
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	21100	2535	16.94	17.00	1.014			-0.11	0.519	0.526
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	21350+21152	2560+2540.2	17	17	1.000			0.03	0.516	0.516
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	21100	2535	17.31	17.90	1.146			-0.15	0.452	0.518
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	21100	2535	17.35	17.90	1.135			0.14	0.467	0.530
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	21100	2535	17.31	17.90	1.146			0.16	0.677	0.776
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	21100	2535	17.35	17.90	1.135			-0.10	0.684	0.776
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	21350+21152	2560+2540.2	17.57	17.9	1.079			0.04	0.681	0.735
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	21100	2535	15.18	15.50	1.076			0.18	0.266	0.286
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	21100	2535	15.19	15.50	1.074			-0.13	0.275	0.295
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	21100	2535	15.18	15.50	1.076			0.19	0.399	0.429
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	21100	2535	15.19	15.50	1.074			-0.11	0.403	0.433
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	21350+21152	2560+2540.2	15.41	15.5	1.021			0.08	0.399	0.407
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	23095	707.5	24.71	25.00	1.069			0.01	0.492	0.526
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	23095	707.5	23.59	24.00	1.099			0.17	0.385	0.423
79	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	23095	707.5	24.71	25.00	1.069			-0.03	0.737	0.788
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	23095	707.5	23.59	24.00	1.099			-0.14	0.586	0.644
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	23095	707.5	23.37	23.50	1.03			-0.13	0.404	0.416
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 5	23095	707.5	23.43	23.50	1.016			-0.11	0.409	0.416
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	23095	707.5	23.37	23.50	1.03			0.05	0.606	0.624
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 5	23095	707.5	23.43	23.50	1.016			-0.02	0.623	0.633
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	23095	707.5	24.28	24.80	1.127			-0.01	0.317	0.357
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 4	23095	707.5	23.19	23.80	1.151			-0.05	0.271	0.312
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	23095	707.5	24.28	24.80	1.127			-0.10	0.537	0.605
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 4	23095	707.5	23.19	23.80	1.151			-0.19	0.379	0.436
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	23095	707.5	24.28	24.80	1.127			-0.01	0.317	0.357
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 5	23095	707.5	23.19	23.80	1.151			-0.05	0.271	0.312
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	23095	707.5	24.28	24.80	1.127			-0.10	0.537	0.605
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 5	23095	707.5	23.19	23.80	1.151			-0.19	0.379	0.436
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	23230	782	21.34	22.40	1.276			-0.17	0.329	0.420



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	LTE Band 13	10M	QPSK	25	12	Front	5mm	Ant 0	ECI 4	23230	782	21.23	22.40	1.309			-0.18	0.312	0.408
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	23230	782	21.34	22.40	1.276			0.18	0.510	0.651
80	LTE Band 13	10M	QPSK	25	12	Back	5mm	Ant 0	ECI 4	23230	782	21.23	22.40	1.309			0.03	0.566	0.741
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	23230	782	21.34	22.10	1.191			-0.17	0.329	0.392
	LTE Band 13	10M	QPSK	25	12	Front	5mm	Ant 0	ECI 5	23230	782	21.23	22.10	1.222			-0.18	0.312	0.381
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	23230	782	21.34	22.10	1.191			0.18	0.510	0.607
	LTE Band 13	10M	QPSK	25	12	Back	5mm	Ant 0	ECI 5	23230	782	21.23	22.10	1.222			0.03	0.566	0.692
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	23230	782	24.09	24.80	1.178			-0.01	0.407	0.479
	LTE Band 13	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 4	23230	782	23.05	23.80	1.189			0.17	0.310	0.369
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	23230	782	24.09	24.80	1.178			0.01	0.521	0.614
	LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 4	23230	782	23.05	23.80	1.189			-0.09	0.397	0.472
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	23230	782	22.72	23.40	1.169			0.09	0.299	0.350
	LTE Band 13	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 5	23230	782	22.52	23.40	1.225			-0.03	0.228	0.279
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	23230	782	22.72	23.40	1.169			-0.03	0.418	0.489
	LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 5	23230	782	22.52	23.40	1.225			0.05	0.319	0.391
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	23330	793	22.30	22.30	1.0			-0.02	0.502	0.502
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	23330	793	22.27	22.30	1.007			0.12	0.465	0.468
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	23330	793	22.30	22.30	1.0			0.03	0.723	0.723
81	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	23330	793	22.27	22.30	1.007			0.02	0.780	0.785
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	23330	793	22.30	22.30	1.0			-0.02	0.502	0.502
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 5	23330	793	22.27	22.30	1.007			0.12	0.465	0.468
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	23330	793	22.30	22.30	1.0			0.03	0.723	0.723
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 5	23330	793	22.27	22.30	1.007			0.02	0.780	0.785
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	23330	793	24.09	24.80	1.178			0.01	0.414	0.488
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 4	23330	793	23.09	23.80	1.178			-0.13	0.307	0.362
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	23330	793	24.09	24.80	1.178			-0.07	0.554	0.653
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 4	23330	793	23.09	23.80	1.178			0.12	0.403	0.475
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	23330	793	22.09	22.90	1.205			-0.02	0.260	0.313
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 5	23330	793	21.96	22.90	1.242			-0.15	0.243	0.302
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	23330	793	22.09	22.90	1.205			-0.12	0.379	0.457
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 5	23330	793	21.96	22.90	1.242			0.10	0.347	0.431
	LTE Band 25	20M	QPSK	1	99	Front	5mm	Ant 2	ECI 4	26340	1880	18.66	20.20	1.426			-0.07	0.550	0.784
	LTE Band 25	20M	QPSK	50	50	Front	5mm	Ant 2	ECI 4	26340	1880	18.67	20.20	1.422			0.15	0.501	0.712
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 4	26340	1880	18.66	20.20	1.426			-0.03	0.521	0.743
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 2	ECI 4	26340	1880	18.67	20.20	1.422			-0.08	0.496	0.705
	LTE Band 25	20M	QPSK	1	99	Front	5mm	Ant 2	ECI 5	26340	1880	18.66	18.90	1.057			-0.07	0.550	0.581
	LTE Band 25	20M	QPSK	50	50	Front	5mm	Ant 2	ECI 5	26340	1880	18.67	18.90	1.054			0.15	0.501	0.528
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 5	26340	1880	18.66	18.90	1.057			-0.03	0.521	0.551
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 2	ECI 5	26340	1880	18.67	18.90	1.054			-0.08	0.496	0.523
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	26340	1880	14.71	15.80	1.285			0.11	0.502	0.645
	LTE Band 25	20M	QPSK	50	24	Front	5mm	Ant 0	ECI 4	26340	1880	14.68	15.80	1.294			-0.12	0.503	0.651
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	26340	1880	14.71	15.80	1.285			-0.12	0.596	0.766
	LTE Band 25	20M	QPSK	50	24	Back	5mm	Ant 0	ECI 4	26340	1880	14.68	15.80	1.294			-0.12	0.612	0.792
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	26340	1880	14.71	14.80	1.021			0.11	0.502	0.513
	LTE Band 25	20M	QPSK	50	24	Front	5mm	Ant 0	ECI 5	26340	1880	14.68	14.80	1.028			-0.12	0.503	0.517
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	26340	1880	14.71	14.80	1.021			-0.12	0.596	0.609
	LTE Band 25	20M	QPSK	50	24	Back	5mm	Ant 0	ECI 5	26340	1880	14.68	14.80	1.028			-0.12	0.612	0.629
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	26340	1880	19.11	20.60	1.409			-0.07	0.302	0.426
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	26340	1880	19.07	20.60	1.422			-0.13	0.315	0.448
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	26340	1880	19.11	20.60	1.409			0.09	0.670	0.944
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	26140	1860	19.01	20.60	1.442			-0.06	0.643	0.927
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	26590	1905	18.86	20.60	1.493			0.11	0.644	0.961
82	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	26340	1880	19.07	20.60	1.422			-0.12	0.698	0.993
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	26140	1860	19.07	20.60	1.422			0.13	0.669	0.951
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	26590	1905	18.91	20.60	1.476			0.12	0.670	0.989
	LTE Band 25	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 4	26340	1880	19.04	20.60	1.432			-0.03	0.664	0.951
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	26340	1880	19.11	19.80	1.172			-0.07	0.302	0.354
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 5	26340	1880	19.07	19.80	1.183			-0.13	0.315	0.373
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	26340	1880	19.11	19.80	1.172			0.09	0.670	0.785
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	26340	1880	19.07	19.80	1.183			-0.12	0.698	0.826
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	26140	1860	19.07	19.80	1.183			0.13	0.669	0.791
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	26590	1905	18.91	19.80	1.227			0.12	0.670	0.822
	LTE Band 25	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 5	26340	1880	19.04	19.80	1.191			-0.03	0.664	0.791
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	26340	1880	17.37	19.00	1.455			0.11	0.413	0.601
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	26340	1880	17.45	19.00	1.429			0.10	0.421	0.602
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	26340	1880	17.37	19.00	1.455			-0.13	0.598	0.870
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	26140	1860	17.29	19.00	1.483			0.06	0.585	0.868
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	26590	1905	17.30	19.00	1.479			-0.09	0.587	0.868
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	26340	1880	17.45	19.00	1.429			-0.16	0.600	0.857
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	26140	1860	17.27	19.00	1.489			0.07	0.580	0.864
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	26590	1905	17.31	19.00	1.476			0.15	0.584	0.862
	LTE Band 25	20M	QPSK	100	0	Back	5mm	Ant 5	ECI 4	26340	1880	17.41	19.00	1.442			0.11	0.581	0.838



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	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 5	26340	1880	17.37	17.60	1.054			0.11	0.413	0.435
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 5	26340	1880	17.45	17.60	1.035			0.10	0.421	0.436
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	26340	1880	17.37	17.60	1.054			-0.13	0.598	0.630
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 5	26340	1880	17.45	17.60	1.035			-0.16	0.600	0.621
	LTE Band 26	15M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	26865	831.5	21.62	21.70	1.019			0.01	0.518	0.528
	LTE Band 26	15M	QPSK	36	0	Front	5mm	Ant 0	ECI 4	26865	831.5	21.45	21.70	1.059			-0.18	0.484	0.513
	LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	26865	831.5	21.62	21.70	1.019			-0.19	0.684	0.697
83	LTE Band 26	15M	QPSK	36	0	Back	5mm	Ant 0	ECI 4	26865	831.5	21.45	21.70	1.059			-0.01	0.740	0.784
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 0	ECI 4	20475+20574	831.5+841.4	21.59	21.7	1.026			0.06	0.728	0.747
	LTE Band 26	15M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	26865	831.5	21.62	21.70	1.019			0.01	0.518	0.528
	LTE Band 26	15M	QPSK	36	0	Front	5mm	Ant 0	ECI 5	26865	831.5	21.45	21.70	1.059			-0.18	0.484	0.513
	LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	26865	831.5	21.62	21.70	1.019			-0.19	0.684	0.697
	LTE Band 26	15M	QPSK	36	0	Back	5mm	Ant 0	ECI 5	26865	831.5	21.45	21.70	1.059			-0.01	0.740	0.784
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 0	ECI 5	20475+20574	831.5+841.4	21.59	21.7	1.026			0.06	0.728	0.747
	LTE Band 26	15M	QPSK	1	74	Front	5mm	Ant 1	ECI 4	26865	831.5	24.31	24.70	1.094			-0.04	0.285	0.312
	LTE Band 26	15M	QPSK	36	39	Front	5mm	Ant 1	ECI 4	26865	831.5	23.13	23.70	1.14			-0.19	0.224	0.255
	LTE Band 26	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 4	26865	831.5	24.31	24.70	1.094			0.04	0.568	0.621
	LTE Band 26	15M	QPSK	36	39	Back	5mm	Ant 1	ECI 4	26865	831.5	23.13	23.70	1.14			0.07	0.466	0.531
	LTE Band 5B	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	20600+20501	844+834.1	24.28	24.7	1.102			0.09	0.555	0.612
	LTE Band 26	15M	QPSK	1	74	Front	5mm	Ant 1	ECI 5	26865	831.5	23.55	24.20	1.161			-0.02	0.211	0.245
	LTE Band 26	15M	QPSK	36	39	Front	5mm	Ant 1	ECI 5	26865	831.5	23.27	23.70	1.104			-0.14	0.166	0.183
	LTE Band 26	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 5	26865	831.5	23.55	24.20	1.161			-0.15	0.420	0.488
	LTE Band 26	15M	QPSK	36	39	Back	5mm	Ant 1	ECI 5	26865	831.5	23.27	23.70	1.104			0.06	0.345	0.381
	LTE Band 5B	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	20600+20501	844+834.1	23.44	24.2	1.191			0.07	0.401	0.478
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	27710	2310	17.37	19.00	1.455			0.04	0.356	0.518
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 2	ECI 4	27710	2310	17.23	19.00	1.503			-0.11	0.255	0.383
84	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	27710	2310	17.37	19.00	1.455			-0.01	0.497	0.723
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 2	ECI 4	27710	2310	17.23	19.00	1.503			0.14	0.474	0.712
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	27710	2310	17.37	17.60	1.054			0.04	0.356	0.375
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 2	ECI 5	27710	2310	17.23	17.60	1.089			-0.11	0.255	0.278
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	27710	2310	17.37	17.60	1.054			-0.01	0.497	0.524
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 2	ECI 5	27710	2310	17.23	17.60	1.089			0.14	0.474	0.516
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	27710	2310	15.07	16.70	1.455			0.15	0.273	0.397
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	27710	2310	14.96	16.70	1.493			-0.05	0.296	0.442
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	27710	2310	15.07	16.70	1.455			0.03	0.425	0.618
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	27710	2310	14.96	16.70	1.493			-0.04	0.432	0.645
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	27710	2310	15.07	15.30	1.054			0.15	0.273	0.288
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 5	27710	2310	14.96	15.30	1.081			-0.05	0.296	0.320
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	27710	2310	15.07	15.30	1.054			0.03	0.425	0.448
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 5	27710	2310	14.96	15.30	1.081			-0.04	0.432	0.467
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	132322	1745	20.40	21.80	1.38			0.13	0.519	0.716
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	132322	1745	20.35	21.80	1.396			-0.01	0.518	0.723
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	132322	1745	20.40	21.80	1.38			-0.12	0.537	0.741
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	132322	1745	20.35	21.80	1.396			-0.03	0.558	0.779
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	132597+132504	1772.5+1763.2	20.31	21.8	1.409			0.01	0.533	0.751
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 4	132072+132270	1720+1739.8	20.36	21.8	1.393			0.08	0.541	0.754
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	132322	1745	20.40	20.40	1.0			0.13	0.519	0.519
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	132322	1745	20.35	20.40	1.012			-0.01	0.518	0.524
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	132322	1745	20.40	20.40	1.0			-0.12	0.537	0.537
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	132322	1745	20.35	20.40	1.012			-0.03	0.558	0.565
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	132597+132504	1772.5+1763.2	20.31	20.4	1.021			0.01	0.533	0.544
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 5	132072+132270	1720+1739.8	20.36	20.4	1.009			0.08	0.541	0.546
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	132322	1745	14.83	16.30	1.403			-0.03	0.468	0.657
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	132322	1745	14.81	16.30	1.409			-0.08	0.461	0.650
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	132322	1745	14.83	16.30	1.403			0.15	0.563	0.790
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	132322	1745	14.81	16.30	1.409			-0.13	0.547	0.771
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 0	ECI 4	132047+132140	1717.5+1726.8	14.88	16.3	1.387			0.04	0.555	0.77
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 4	132072+132270	1720+1739.8	14.86	16.3	1.393			0.09	0.548	0.763
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	132322	1745	14.83	14.90	1.016			-0.03	0.468	0.475
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	132322	1745	14.81	14.90	1.021			-0.08	0.461	0.471
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	132322	1745	14.83	14.90	1.016			0.15	0.563	0.572
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	132322	1745	14.81	14.90	1.021			-0.13	0.547	0.558
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 0	ECI 5	132047+132140	1717.5+1726.8	14.88	14.9	1.005			0.04	0.555	0.558
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 5	132072+132270	1720+1739.8	14.86	14.9	1.009			0.09	0.548	0.553
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 4	132572	1770	21.10	22.00	1.23			-0.11	0.434	0.534
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 4	132572	1770	21.03	22.00	1.25			-0.02	0.419	0.524
85	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	132572	1770	21.10	22.00	1.23			-0.06	0.806	0.991
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	132072	1720	20.95	22.00	1.274			0.09	0.662	0.843
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	132322	1745	20.95	22.00	1.274			0.19	0.573	0.730
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	132572	1770	21.03	22.00	1.25			0.15	0.776	0.970
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	132072	1720	20.90	22.00	1.288			-0.02	0.597	0.769
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	132322	1745	20.94	22.00	1.276			0.08	0.560	0.715



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	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 4	132572	1770	21.03	22.00	1.25			-0.12	0.730	0.913
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132597+132504	1772.5+1763.2	21.11	22	1.227			-0.02	0.777	0.953
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 4	132047+132140	1717.5+1726.8	21.02	22	1.253			0.04	0.744	0.932
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132322+132229	1745+1735.7	20.98	22	1.265			0.08	0.766	0.969
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132572+132374	1770+1750.2	21.07	22	1.239			0.05	0.775	0.96
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	132072+132270	1720+1739.8	21	22	1.259			0.03	0.749	0.943
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132322+132124	1745+1725.2	20.91	22	1.285			0.09	0.763	0.98
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 5	132572	1770	21.10	21.20	1.023			-0.11	0.434	0.444
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 5	132572	1770	21.03	21.20	1.04			-0.02	0.419	0.436
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	132572	1770	21.10	21.20	1.023			-0.06	0.806	0.825
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	132072	1720	20.95	21.20	1.059			0.09	0.662	0.701
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	132322	1745	20.95	21.20	1.059			0.19	0.573	0.607
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 5	132572	1770	21.03	21.20	1.04			0.15	0.776	0.807
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 5	132072	1720	20.90	21.20	1.072			-0.02	0.597	0.640
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 5	132322	1745	20.94	21.20	1.062			0.08	0.560	0.595
	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 5	132572	1770	21.03	21.20	1.04			-0.12	0.730	0.759
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	132597+132504	1772.5+1763.2	21.11	21.2	1.021			-0.02	0.777	0.793
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	132572+132374	1770+1750.2	21.07	21.2	1.030			0.05	0.775	0.798
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 4	132572	1770	18.32	18.90	1.143			0.11	0.571	0.653
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 4	132572	1770	18.25	18.90	1.161			0.05	0.604	0.701
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 4	132572	1770	18.32	18.90	1.143			0.09	0.742	0.848
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	132072	1720	18.28	18.90	1.153			-0.02	0.687	0.792
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 4	132322	1745	18.23	18.90	1.167			-0.07	0.715	0.834
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 4	132572	1770	18.25	18.90	1.161			-0.11	0.694	0.806
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 4	132072	1720	18.22	18.90	1.169			-0.08	0.671	0.784
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 4	132322	1745	18.24	18.90	1.164			-0.02	0.683	0.795
	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 5	ECI 4	132572	1770	18.26	18.90	1.159			-0.01	0.634	0.735
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	132597+132504	1772.5+1763.2	18.18	18.9	1.180			0.01	0.666	0.786
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	132572+132374	1770+1750.2	18.06	18.9	1.213			-0.05	0.644	0.781
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 5	132572	1770	16.68	17.10	1.102			-0.16	0.360	0.397
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 5	132572	1770	16.68	17.10	1.102			-0.17	0.381	0.420
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 5	132572	1770	16.68	17.10	1.102			-0.00	0.468	0.516
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 5	132572	1770	16.68	17.10	1.102			0.18	0.438	0.483
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	132597+132504	1772.5+1763.2	16.89	17.1	1.050			0.06	0.455	0.478
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	132572+132374	1770+1750.2	16.9	17.1	1.047			-0.09	0.444	0.465
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	133297	680.5	24.55	25.00	1.109			-0.01	0.430	0.477
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	133297	680.5	23.51	24.00	1.119			-0.02	0.336	0.376
86	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	133297	680.5	24.55	25.00	1.109			-0.04	0.688	0.763
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	133297	680.5	23.51	24.00	1.119			-0.14	0.553	0.619
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	133297	680.5	23.34	23.90	1.138			-0.11	0.318	0.362
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	133297	680.5	23.41	23.90	1.119			-0.06	0.316	0.354
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	133297	680.5	23.34	23.90	1.138			-0.10	0.537	0.611
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	133297	680.5	23.41	23.90	1.119			0.00	0.549	0.614
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	133297	680.5	24.15	24.80	1.161			0.02	0.315	0.366
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	133297	680.5	23.15	23.80	1.161			-0.12	0.262	0.304
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	133297	680.5	24.15	24.80	1.161			0.00	0.461	0.535
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	133297	680.5	23.15	23.80	1.161			-0.06	0.383	0.445
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	133297	680.5	24.15	24.80	1.161			0.02	0.315	0.366
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 5	133297	680.5	23.15	23.80	1.161			-0.12	0.262	0.304
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	133297	680.5	24.15	24.80	1.161			0.00	0.461	0.535
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	133297	680.5	23.15	23.80	1.161			-0.06	0.383	0.445
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	41055	2636.5	19.04	20.50	1.4	62.9	1.006	-0.04	0.327	0.461
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	41055	2636.5	19.04	20.50	1.4	62.9	1.006	-0.01	0.306	0.431
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	41055	2636.5	19.04	20.50	1.4	62.9	1.006	0.00	0.443	0.624
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	39750	2506	18.91	20.50	1.442	62.9	1.006	0.16	0.487	0.706
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	40185	2549.5	18.90	20.50	1.445	62.9	1.006	0.06	0.472	0.686
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	40620	2593	18.96	20.50	1.426	62.9	1.006	0.04	0.498	0.714
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	41490	2680	18.92	20.50	1.439	62.9	1.006	0.11	0.487	0.705
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41055	2636.5	19.04	20.50	1.4	62.9	1.006	-0.05	0.455	0.641
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	39750	2506	18.92	20.50	1.439	62.9	1.006	-0.09	0.519	0.751
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40185	2549.5	18.91	20.50	1.442	62.9	1.006	-0.14	0.472	0.685
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40620	2593	18.98	20.50	1.419	62.9	1.006	0.15	0.507	0.724
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41490	2680	18.93	20.50	1.435	62.9	1.006	-0.12	0.483	0.697
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41055	2636.5	20.58	22.10	1.419	42.9	1.009	0.04	0.427	0.611
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	39750	2506	20.46	22.10	1.459	42.9	1.009	0.17	0.491	0.723
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40185	2549.5	20.55	22.10	1.429	42.9	1.009	-0.03	0.458	0.660
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40620	2593	20.55	22.10	1.429	42.9	1.009	-0.09	0.483	0.696
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41490	2680	20.45	22.10	1.462	42.9	1.009	0.04	0.452	0.667
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	40620+40422	2593+2573.2	19.05	20.5	1.396	62.9	1.006	0.07	0.503	0.706
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.04	0.327	0.334
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	41055	2636.5	19.04	19.10	1.014	62.9	1.006	-0.01	0.306	0.312
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	41055	2636.5	19.04	19.10	1.014	62.9	1.006	0.00	0.443	0.452
	LTE Band 41	20M																	



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	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	41055	2636.5	20.58	20.70	1.028	62.9	1.009	0.04	0.427	0.443
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	40620+40422	2593+2573.2	19.05	19.10	1.012	62.9	1.006	0.07	0.503	0.512
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	40185	2549.5	19.28	19.90	1.153	62.9	1.006	0.10	0.506	0.587
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	40185	2549.5	19.27	19.90	1.156	62.9	1.006	-0.05	0.499	0.580
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40185	2549.5	19.28	19.90	1.153	62.9	1.006	-0.15	0.680	0.789
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	39750	2506	19.02	19.90	1.225	62.9	1.006	-0.04	0.516	0.636
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40620	2593	19.26	19.90	1.159	62.9	1.006	0.07	0.670	0.781
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	41055	2636.5	19.24	19.90	1.164	62.9	1.006	-0.17	0.547	0.641
	LTE Band 41	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 4	41490	2680	19.16	19.90	1.186	62.9	1.006	-0.06	0.618	0.737
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	40185	2549.5	19.27	19.90	1.156	62.9	1.006	-0.16	0.671	0.780
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	39750	2506	18.97	19.90	1.239	62.9	1.006	-0.06	0.513	0.639
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	40620	2593	19.20	19.90	1.175	62.9	1.006	-0.13	0.667	0.788
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	41055	2636.5	19.24	19.90	1.164	62.9	1.006	0.15	0.543	0.636
	LTE Band 41	20M	QPSK	50	50	Back	5mm	Ant 0	ECI 4	41490	2680	19.10	19.90	1.202	62.9	1.006	-0.15	0.614	0.742
	LTE Band 41_HPUE	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40185	2549.5	21.06	21.50	1.107	42.9	1.009	-0.17	0.665	0.743
	LTE Band 41_HPUE	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	39750	2506	20.78	21.50	1.18	42.9	1.009	0.11	0.505	0.601
	LTE Band 41_HPUE	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40620	2593	21.00	21.50	1.122	42.9	1.009	-0.06	0.655	0.742
	LTE Band 41_HPUE	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	41055	2636.5	21.04	21.50	1.112	42.9	1.009	0.17	0.535	0.600
	LTE Band 41_HPUE	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	41490	2680	20.92	21.50	1.143	42.9	1.009	-0.05	0.604	0.697
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40620+40422	2593+2573.2	19.37	19.9	1.130	62.9	1.006	0.07	0.633	0.72
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	40185	2549.5	17.53	17.70	1.04	62.9	1.006	-0.13	0.300	0.314
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	40185	2549.5	17.56	17.70	1.033	62.9	1.006	0.00	0.296	0.308
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	40185	2549.5	17.53	17.70	1.04	62.9	1.006	-0.19	0.403	0.422
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	40185	2549.5	17.56	17.70	1.033	62.9	1.006	-0.09	0.401	0.417
	LTE Band 41_HPUE	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	40185	2549.5	19.10	19.30	1.047	42.9	1.009	0.10	0.394	0.416
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	40620+40422	2593+2573.2	17.47	17.7	1.054	62.9	1.006	0.01	0.388	0.411
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	41055	2636.5	21.70	22.50	1.202	62.9	1.006	0.12	0.521	0.63
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	39750	2506	21.55	22.50	1.245	62.9	1.006	-0.01	0.361	0.452
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	40185	2549.5	21.63	22.50	1.222	62.9	1.006	0.14	0.498	0.612
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	40620	2593	21.59	22.50	1.233	62.9	1.006	-0.15	0.387	0.48
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	41490	2680	21.68	22.50	1.208	62.9	1.006	0.07	0.451	0.548
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	41055	2636.5	21.62	22.50	1.225	62.9	1.006	0.09	0.509	0.609
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	39750	2506	21.54	22.50	1.247	62.9	1.006	0.03	0.343	0.43
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	40185	2549.5	21.56	22.50	1.242	62.9	1.006	-0.10	0.472	0.59
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	40620	2593	21.49	22.50	1.262	62.9	1.006	-0.02	0.366	0.465
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	41490	2680	21.53	22.50	1.25	62.9	1.006	0.04	0.428	0.538
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	41055	2636.5	21.70	22.50	1.202	62.9	1.006	-0.02	0.648	0.784
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	39750	2506	21.55	22.50	1.245	62.9	1.006	-0.12	0.493	0.617
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	40185	2549.5	21.63	22.50	1.222	62.9	1.006	-0.04	0.637	0.783
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	40620	2593	21.59	22.50	1.233	62.9	1.006	-0.05	0.521	0.646
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	41490	2680	21.68	22.50	1.208	62.9	1.006	0.07	0.588	0.715
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41055	2636.5	21.62	22.50	1.225	62.9	1.006	0.15	0.704	0.842
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	39750	2506	21.54	22.50	1.247	62.9	1.006	0.02	0.535	0.671
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40185	2549.5	21.56	22.50	1.242	62.9	1.006	-0.09	0.672	0.84
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40620	2593	21.49	22.50	1.262	62.9	1.006	0.19	0.565	0.717
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41490	2680	21.53	22.50	1.25	62.9	1.006	-0.13	0.639	0.804
	LTE Band 41	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 4	41055	2636.5	21.56	22.50	1.242	62.9	1.006	0.14	0.54	0.675
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41055	2636.5	23.39	24.10	1.178	42.9	1.009	-0.08	0.681	0.809
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	39750	2506	23.31	24.10	1.199	42.9	1.009	0.11	0.524	0.634
	LTE Band 41_HPUE	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	40185	2549.5	23.29	24.10	1.205	42.9	1.009	0.06	0.658	0.8
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40620	2593	23.25	24.10	1.216	42.9	1.009	-0.13	0.552	0.677
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41490	2680	23.24	24.10	1.219	42.9	1.009	-0.05	0.611	0.752
	LTE Band 41C	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41490+41292	2680+2660.2	21.76	22.50	1.186	62.9	1.006	0.04	0.666	0.795
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	41055	2636.5	21.70	22.40	1.175	62.9	1.006	0.12	0.521	0.616
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	39750	2506	21.55	22.40	1.216	62.9	1.006	-0.01	0.361	0.442
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	40185	2549.5	21.63	22.40	1.194	62.9	1.006	0.14	0.498	0.598
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	40620	2593	21.59	22.40	1.205	62.9	1.006	-0.15	0.387	0.469
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	41490	2680	21.68	22.40	1.180	62.9	1.006	0.07	0.451	0.535
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 5	41055	2636.5	21.75	22.40	1.161	62.9	1.006	0.09	0.509	0.594
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	41055	2636.5	21.70	22.40	1.175	62.9	1.006	-0.02	0.648	0.766
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	39750	2506	21.55	22.40	1.216	62.9	1.006	-0.12	0.493	0.603
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	40185	2549.5	21.63	22.40	1.194	62.9	1.006	-0.04	0.637	0.765
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	40620	2593	21.59	22.40	1.205	62.9	1.006	-0.05	0.521	0.632
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	41490	2680	21.68	22.40	1.180	62.9	1.006	0.07	0.588	0.698
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	41055	2636.5	21.75	22.40	1.161	62.9	1.006	0.15	0.704	0.822
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	39750	2506	21.54	22.40	1.219	62.9	1.006	0.02	0.535	0.656
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	40185	2549.5	21.56	22.40	1.213	62.9	1.006	-0.09	0.672	0.820
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	40620	2593	21.49	22.40	1.233	62.9	1.006	0.19	0.565	0.701
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	41490	2680	21.53	22.40	1.222	62.9	1.006	-0.13	0.639	0.786
	LTE Band 41	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 5	41055	2636.5	21.56	22.40	1.213	62.9				