TEST REPORT

APPLICANT	:	OnePlus Technology (Shenzhen) Co., Ltd.
PRODUCT NAME	:	Mobile Phone
MODEL NAME	:	CPH2647
BRAND NAME	:	Oneplus
FCC ID	:	2ABZ2-OP23869
STANDARD(S)	:	47 CFR Part 15 Subpart E
RECEIPT DATE	:	2024-08-12
TEST DATE	:	2024-08-14 to 2025-01-14
ISSUE DATE	:	2025-02-17

Edited by: Zeng Xiaoying (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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Change History		
Version	**Date**	**Reason for change**
1.0	2025-01-20	First edition

1. Summary of Test Results

No.	Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	No deviation
2	ANSI C63.10	Duty Cycle of the Test Signal	Sep. 08&15, 2024; Jan. 12. 2025	Su Xiaoxian	PASS	No deviation
3	15.407(a)	Conducted Output Power and E.I.R.P.	Sep. 08&15, 2024; Jan. 12. 2025	Su Xiaoxian	PASS	No deviation
4	15.407(a)	Occupied Bandwidth and Emission Bandwidth	Sep. 13&19, 2024; Jan. 12. 2025	Su Xiaoxian	PASS	No deviation
5	15.407(a)	Power Spectral Density	Sep. 18&19, 2024; Jan. 12. 2025	Su Xiaoxian	PASS	No deviation
6	15.407(b)	Emission Mask	Sep. 19, 2024; Jan. 12. 2025	Su Xiaoxian	PASS	No deviation
7	15.407(d)	Contention Based Protocol	Oct. 09, 2024	Su Xiaoxian	PASS	No deviation
8	KDB 987594 D02 Clause K	Dual Client Dest	Nov. 06, 2024	Su Xiaoxian	PASS	No deviation
9	KDB 987594 D02 Clause L	Proper Power Adjustment	Nov. 06, 2024	Su Xiaoxian	PASS	No deviation
10	15.407(g)	Frequency Stability	Sep. 20, 2024	Su Xiaoxian	PASS	No deviation
11	15.207	Conducted Emission	Aug. 14, 2024	Fan Shengquan	PASS	No deviation
12	15.407(b)	Restricted Frequency	Sep. 19&20, 2024;	Li Hanbin	PASS	No deviation

		Bands	Jan. 01. 2025			
13	15.407(b)	Radiated Emission	Sep. 21, 2024; Jan. 01. 2025	Li Hanbin	PASS	No deviation

Note 1: Additions to, deviation, or exclusions from the method shall be judged in the “method determination” column of add, deviate or exclude from the specific method shall be explained in the “Remark” of the above table.

Note 2: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.1. Testing Applied Standards and Methods

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

No.	Standards or Methods	Description
1	47 CFR Part 15 Subpart E	FCC Technical Requirements
2	ANSI C63.10	Procedures for Compliance Testing of Unlicensed Wireless Devices
3	KDB 789033 D02	Guidelines for compliance testing of U-NII devices
4	KDB 987594 D01	General guideline for U-NII 5,6,7,8 bands under Part 15 Subpart E
5	KDB 987594 D02	Guidelines for compliance testing of U-NII 6GHz devices
6	KDB 987594 D03	Questions and Answers for U-NII 5,6,7,8 bands under Part 15 Subpart E
7	KDB 662911 D01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band

1.2. Test Equipment and Software List

1.2.1. List of Software

Name	Manufacturer	Software Version
MTS 8310	MaiWei	2.0.0.0
Morlab EMCR	Morlab	V1.2
TS+ -[JS32-CE]	Tonscend	V2.5.0.0

1.2.2. Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2024.02.19	2025.02.18
Signal Analyzer	1331.5003K43 -102271-zt	FSW	ROHDE&SCH WARZ	2024.05.30	2026.05.29
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2023.10.17	2024.10.16
				2024.09.11	2025.09.10
Temperature Chamber	12108015	DTL-003S101	YOMA	2023.09.19	2024.09.18
				2024.09.11	2025.09.10
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Wi-Fi Router	S4IG6M20053 66YK	GT-BE98Pro	ASUS	N/A	N/A
Wi-Fi Router	S5IG6M20053 6HEF	GT-BE98Pro	ASUS	N/A	N/A
Attenuator	MTJ6004-10	10dB	MTJ cooperation	N/A	N/A
Directional Coupler	17041703	DT0-5-30	ShangHai HuaXiang	N/A	N/A
Electronically Adjustable Attenuator	TW5451071	ATT2A	TaiDa	2024.11.01	2025.10.31

1.2.3. Conducted Emission Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2024.01.25	2025.01.24
LISN	8127449	NSLK 8127	Schwarzbeck	2024.02.02	2025.02.01
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2024.05.30	2025.05.29
RF Coaxial Cable (DC-100MHz)	BNC	MRE04	Qualwave	2024.07.02	2025.07.01

1.2.4. Radiated Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2024.06.03	2025.06.02
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2024.06.22	2025.06.21
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.07.03	2025.07.02
Notch Filter	N/A	WRCG-2400-2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.05.10	2025.05.09

1.3. Measurement Uncertainty

Test Items	Uncertainty	Remark
Output Power	±2.22dB	Confidence levels of 95%
Power Spectral Density	±2.22dB	Confidence levels of 95%
Bandwidth	±5%	Confidence levels of 95%
Frequency Stability	±2%	Confidence levels of 95%
Restricted Frequency Bands	±5%	Confidence levels of 95%
Radiated Emission	±2.95dB	Confidence levels of 95%
Conducted Emission	±2.44dB	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone	+86 755 36698555
Facsimile	+86 755 36698525
FCC Designation Number	CN1192
FCC Test Firm Registration Number	226174

2. General Description

2.1. Information of Applicant and Manufacturer

Applicant	OnePlus Technology (Shenzhen) Co., Ltd.
Applicant Address	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
Manufacturer	OnePlus Technology (Shenzhen) Co., Ltd.
Manufacturer Address	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

2.2. Information of EUT

Product Name	Mobile Phone		
Sample No.	8#		
Hardware Version	11		
Software Version	OxygenOS 15.0		
Modulation Technology	OFDM/OFDMA [2]		
Modulation Mode	802.11a, 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80), 802.11ax (HEW160), 802.11be (EHT20), 802.11be (EHT40), 802.11be (EHT80), 802.11be (EHT160), 802.11be (EHT320)		
U-NII Band	☒U-NII 5 (5925-6425MHz), ☒U-NII 6 (6425-6525MHz), ☒U-NII 7 (6525-6875MHz), ☒U-NII 8 (6875-7125MHz).		
Operating Frequency Range	U-NII 5 (5955-6415MHz), U-NII 6 (6435-6515MHz), U-NII 7 (6535-6855MHz), U-NII 8 (6875-7115MHz).		
Equipment Class	☒Low Power Device	☐6ID ☐6PP ☐6XD ☒6CD	
	☐Standard Power Device	☐6SD ☐6FX ☐6FC	
Antenna Type	IFA Antenna		
Antenna Gain (dBi)	ANT 12	ANT 13	Directional Gain Note 2
	-5.0	-5.0	-1.99

Accessory Information	Battery	
	Brand Name:	N/A
	Model No.:	BLPB25
	Serial No.:	N/A
	Capacity:	5860mAh
	Rated Voltage:	3.93V
	Charge Limit:	4.53V
	Manufacturer:	Sunwoda Electronic CO.,LTD.
	AC Adapter	
	Brand Name:	N/A
	Model No.:	VCB8OAUH
	Serial No.:	N/A
	Rated Output:	5V⎓2A; 5-11V⎓5A; 5-11V⎓7.3A
	Rated Input:	100-240V~50/60Hz, 2.0A
	Manufacturer1:	Dongguan Aohai Technology Co.,Ltd.
	Manufacturer2:	Huizhou Golden Lake Industrial Co., Ltd.

Note 1: This is a variant report of original report (Report No.: SZ24070315W05, FCC ID: 2ABZ2-OP23869), based on the similarity between before, only enable WIFI 6G 802.11 a mode by software. No other changes, all other RF parameters remain the same as before. The added data have been recorded in Annex B.

Note 2: OFDMA is defined in the IEEE 802.11 protocol as an orthogonal frequency division multiple (OFDM)-based multiple access technique. So the OFDM is covered by OFDMA, all tests were based on OFDMA under highest power.

Note 3: The EUT supports a MIMO function.

Modulation Mode	TX Function
☒802.11a	1TX
☒802.11ax, 802.11be	1TX
☒802.11ax, 802.11be	2TX

Note 4: According to KDB 662911 D01, the directional gain = $10\log[(10^{G12/20}+10^{G13/20})^2/2$.

Note 5: All radiation test items operate at MIMO mode during the test.

Note 6: The dedicated software was used to control the EUT continuous transmission.

Note 7: For more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3. Channel Center Frequency of EUT

2.3.1. Channel center frequency of different bandwidths

Channel Center Frequency = 5950MHz + 5 x n_{ch}; 1 ≤ n_{ch} ≤ 233	
Bandwidth	**Value of n_{ch}**
20MHz	1 + 4(n-1); 1 ≤ n ≤ 59
40MHz	3 + 8(n-1); 1 ≤ n ≤ 29
80MHz	7 + 16(n-1); 1 ≤ n ≤ 14
160MHz	15 + 32(n-1); 1 ≤ n ≤ 7
320MHz	31+64(n-1), 1≤ n ≤ 3.5

2.3.2. Center Frequency of Low Middle and High Channel in each U-NII band

Bandwidth	LCH/MCH/HCH	n/n_{ch}/Frequency@MHz			
		U-NII 5	U-NII 6	U-NII 7	U-NII 8
20MHz	LCH	1/1/5955	25/97/6435	30/117/6535	47/185/6875
	MCH	12/45/6175	27/105/6475	38/149/6695	53/209/6995
	HCH	24/93/6415	29/113/6515	46/181/6855	59/233/7115
40MHz	LCH	1/3/5965	13/99/6445	16/123/6565	24/187/6885
	MCH	7/51/6205	-/-/-	19/147/6685	26/203/6965
	HCH	12/91/6405	14/107/6485	23/179/6845	29/227/7085
80MHz	LCH	1/7/5985	-/-/-	9/135/6625	13/199/6945
	MCH	4/55/6225	7/103/6465	10/151/6705	-/-/-
	HCH	6/87/6385	-/-/-	11/167/6785	14/215/7025
160MHz	LCH	1/15/6025	-/-/-	-/-/-	-/-/-
	MCH	2/47/6185	-/-/-	5/143/6665	7/207/6985
	HCH	3/79/6345	-/-/-	-/-/-	-/-/-
320MHz	LCH	1/31/6105			
	-	1.5/63/6265			
	MCH	2/95/6425			
	-	2.5/127/6585			
	-	3/159/6745			
	HCH	3.5/191/6905			
	HCH	3/159/6745			

2.3.3. Channel Puncturing

For 802.11be channel puncturing is supported as follows:

PPDU Bandwidth	Cases	Puncturing Pattern (RU or MRU Index)	Field Value
20 MHz	No puncturing	[1] (242-tone RU 1)	0
40 MHz	No puncturing	[1 1] (484-tone RU 1)	0
80 MHz	No puncturing	[1 1 1 1] (996-tone RU 1)	0
	20 MHz puncturing	[x 1 1 1] (484+242-tone MRU 1)	1
		[1 x 1 1] (484+242-tone MRU 2)	2
		[1 1 x 1] (484+242-tone MRU 3)	3
		[1 1 1 x] (484+242-tone MRU 4)	4
160 MHz	No puncturing	[1 1 1 1 1 1 1 1] (2*996-tone RU 1)	0
	20 MHz puncturing	[x 1 1 1 1 1 1 1] (996+484+242-tone MRU 1)	1
		[1 x 1 1 1 1 1 1] (996+484+242-tone MRU 2)	2
		[1 1 x 1 1 1 1 1] (996+484+242-tone MRU 3)	3
		[1 1 1 x 1 1 1 1] (996+484+242-tone MRU 4)	4
		[1 1 1 1 x 1 1 1] (996+484+242-tone MRU 5)	5
		[1 1 1 1 1 x 1 1] (996+484+242-tone MRU 6)	6
		[1 1 1 1 1 1 x 1] (996+484+242-tone MRU 7)	7
		[1 1 1 1 1 1 1 x] (996+484+242-tone MRU 8)	8

Continued

PPDU Bandwidth	Cases	Puncturing Pattern (RU or MRU Index)	Field Value
160 MHz	40 MHz puncturing	[x x 1 1 1 1 1 1] (996+484-tone MRU 1)	9
		[1 1 x x 1 1 1 1] (996+484-tone MRU 2)	10
		[1 1 1 1 x x 1 1] (996+484-tone MRU 3)	11
		[1 1 1 1 1 1 x x] (996+484-tone MRU 4)	12
320 MHz	No puncturing	[1 1 1 1 1 1 1 1] (4x996-tone RU 1)	0
	40 MHz puncturing	[x 1 1 1 1 1 1 1] (3*996+484-tone MRU 1)	1
		[1 x 1 1 1 1 1 1] (3*996+484-tone MRU 2)	2
		[1 1 x 1 1 1 1 1] (3*996+484-tone MRU 3)	3
		[1 1 1 x 1 1 1 1] (3*996+484-tone MRU 4)	4
		[1 1 1 1 x 1 1 1] (3*996+484-tone MRU 5)	5
		[1 1 1 1 1 x 1 1] (3*996+484-tone MRU 6)	6
		[1 1 1 1 1 1 x 1] (3*996+484-tone MRU 7)	7
		[1 1 1 1 1 1 1 x] (3*996+484-tone MRU 8)	8
	80 MHz puncturing	[x x 1 1 1 1 1 1] (3*996-tone MRU 1)	9
		[1 1 x x 1 1 1 1] (3*996-tone MRU 2)	10
		[1 1 1 1 x x 1 1] (3*996-tone MRU 3)	11
		[1 1 1 1 1 1 x x] (3*996-tone MRU 4)	12

Continued

PPDU Bandwidth	Cases	Puncturing Pattern (RU or MRU Index)	Field Value
320 MHz	Concurrent 80 MHz and 40 MHz puncturing	[x x x 1 1 1 1 1] (2*996+484-tone MRU 7)	13
		[x x 1 x 1 1 1 1] (2*996+484-tone MRU 8)	14
		[x x 1 1 x 1 1 1] (2*996+484-tone MRU 9)	15
		[x x 1 1 1 x 1 1] (2*996+484-tone MRU 10)	16
		[x x 1 1 1 1 x 1] (2*996+484-tone MRU 11)	17
		[x x 1 1 1 1 1 x] (2*996+484-tone MRU 12)	18
		[x 1 1 1 1 1 x x] (2*996+484-tone MRU 1)	19
		[1 x 1 1 1 1 x x] (2*996+484-tone MRU 2)	20
		[1 1 x 1 1 1 x x] (2*996+484-tone MRU 3)	21
		[1 1 1 x 1 1 x x] (2*996+484-tone MRU 4)	22
		[1 1 1 1 x 1 x x] (2*996+484-tone MRU 5)	23
		[1 1 1 1 1 x x x] (2*996+484-tone MRU 6)	24

Note 1: The channel puncturing mode is for improving network performance and not available for CBP.

Note 2: Only the worst cases are shown in this report.

2.4. Test Configuration of EUT

2.4.1. Modulation Type and Data Rate of EUT

Mode	Bandwidth (MHz)	Modulation Technology	Modulation Type	Data Rate
802.11a	20	OFDM	**BPSK**	**6**/9/12/18/24/36/48/54Mbps
			QPSK	
			16QAM	
			64QAM	
802.11ax	20/40/80/160 (HEW20/40/80/160)	OFDMA	**BPSK**	**MSC0**~MCS11
			QPSK	
			16QAM	
			64QAM	
			256QAM	
			1024QAM	
802.11be	20/40/80/160/320 (EHT20/40/80/160/320)	OFDMA	**BPSK**	**MSC0**~MCS13
			QPSK	
			16QAM	
			64QAM	
			256QAM	
			1024QAM	
			2048QAM	
			4096QAM	

2.4.2. 802.11ax and 802.11be RU Allocation

The worst ru configuration (small size ru) as following:

BW (MHz)	RU Size			User	RU Offset
	Full (Tone)	Partial			
		(Tone)	BW (MHz)		
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
40	484	26	2	18	@0/1/2……15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56

		242	20	2	@61/62
80	996	26	2	37	@0/1/2……35/36
		52	4	16	@37/38/39……50/51/52
		106	8	8	@53/54/55/56/57/58/59/60
		242	20	4	@61/62/63/64
		484	40	2	@65/66
160	996x2	26	2	74	@0/1/2……35/36 S0/S1/S2……S35/S36
		52	4	32	@37/38/39……50/51/52 S37/S38……S51/S52
		106	8	16	@53/54/55/56/57/58/59/60 S53/S54……S59/S60
		242	20	8	@61/62/63/64 S61/S62/S63/S64
		484	40	4	@65/66/S65/S66
		996	80	2	@66/S67
320MHz	3864	26	2	148	@0/1/2……35/36 S0/S1/S2……S35/S36
		52	4	64	@37/38/39……50/51/52 S37/S38……S51/S52
		106	8	32	@53/54/55/56/57/58/59/60 S53/S54……S59/S60
		242	20	16	@61/62/63/64 S61/S62/S63/S64
		484	40	8	@65/66/S65/S66
		996	80	4	@66/S67
		1932	160	2	@136/S136

2.4.3. Evaluation of The Worst Case

Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode
Conducted Output Power and E.I.R.P.	be80, ANT12
Power Spectral Density	be20 ru106@53 MIMO
Occupied Bandwidth and Emission Bandwidth	be320 Full ru
Emission Mask	Each Bandwidth
Contention Based Protocol	Each U-NII Band and Each Bandwidth
Frequency Stability	Unmodulated Signal
Conducted Emission	Normal Use
Restricted Frequency Bands	be160 in U-NII 5&8 Note2
Radiated Emission	ax20 Full ru Note2

Note 1: The worst-case mode in all data rates has been determined during the pre-scan, only the test data of the worst-case were recorded in this report.

Note 2: Full RU and Partial RU were evaluated respectively by performing radiated emission test, only the worst data (Full RU) were recorded in the present document.

2.5. Test Conditions

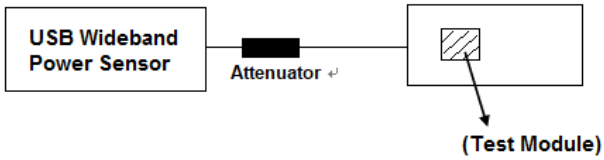
Temperature (°C)	15-35
Relative Humidity (%)	30-60
Atmospheric Pressure (kPa)	86-106

2.6. Test Setup Layout Diagram

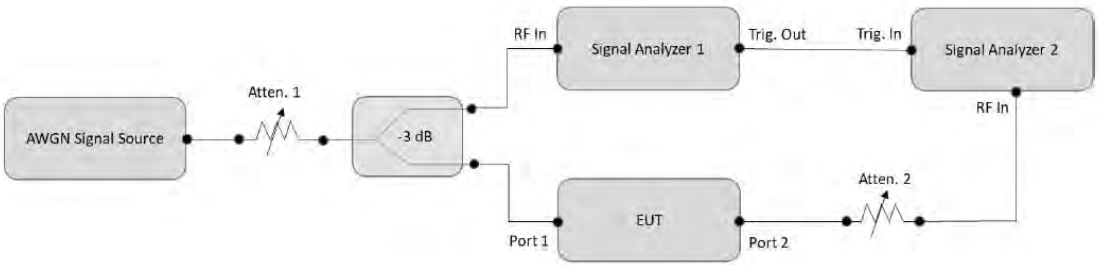
2.6.1. Conducted Measurement

The Cable Loss for conducted tests is 2 dB, which has been calibrated and compensated into the measuring instrument.

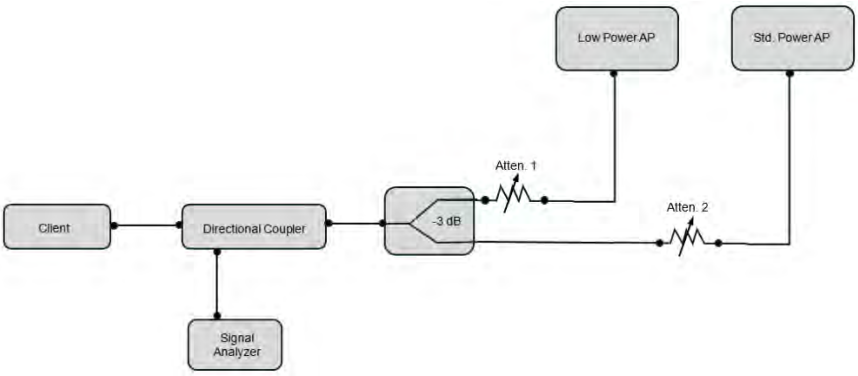
1) For Output Power:



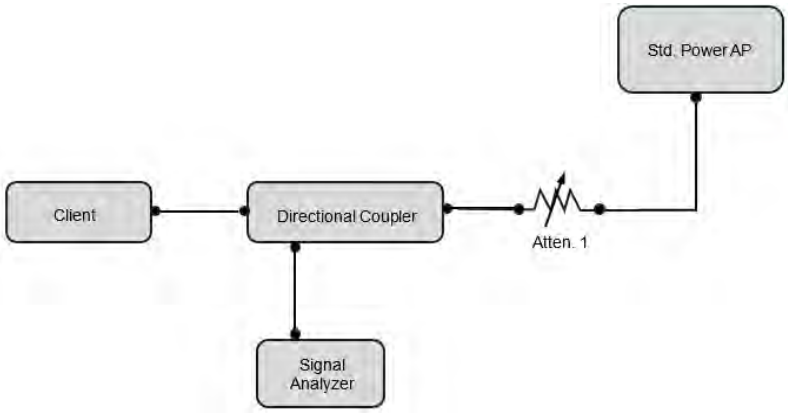
2) For Contention Based Protocol:



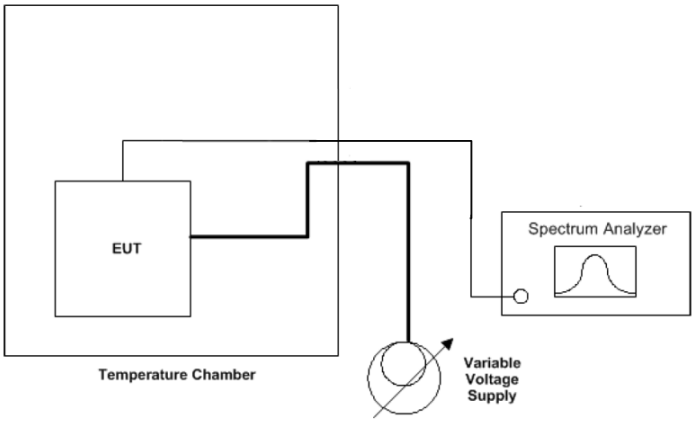
3) For Dual Client Test:



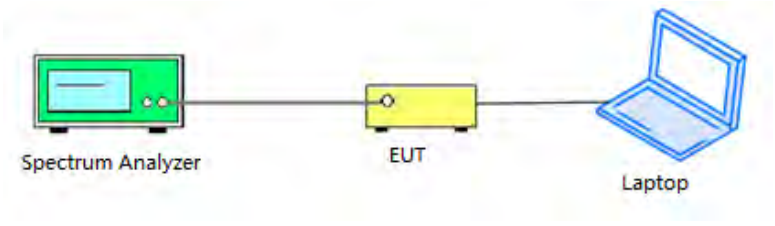
4) For Proper Power Adjustment:



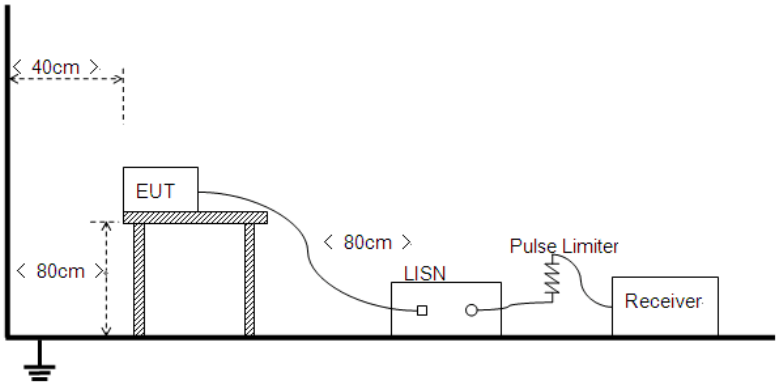
5) For Frequency Stability:



6) For other items:

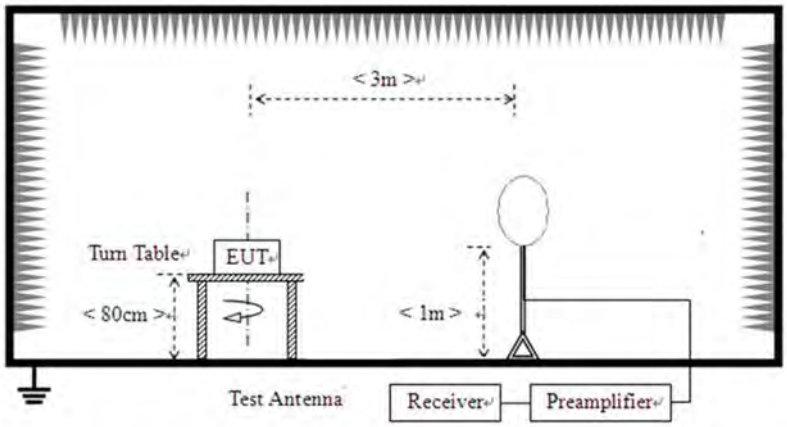


2.6.2. Conducted Emission Measurement

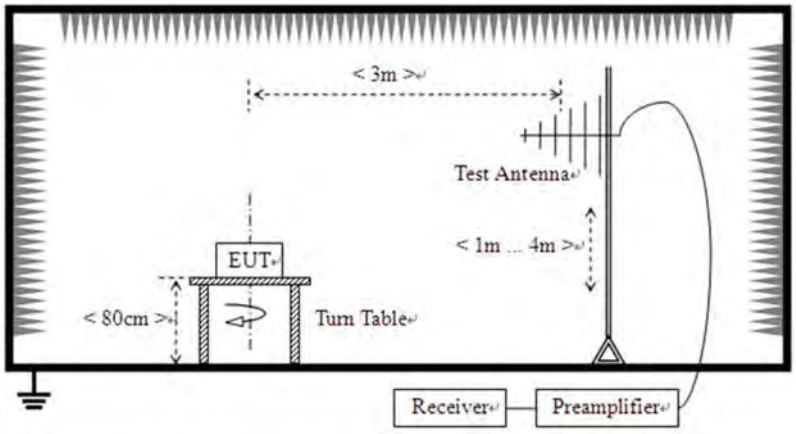


2.6.3. Radiation Measurement

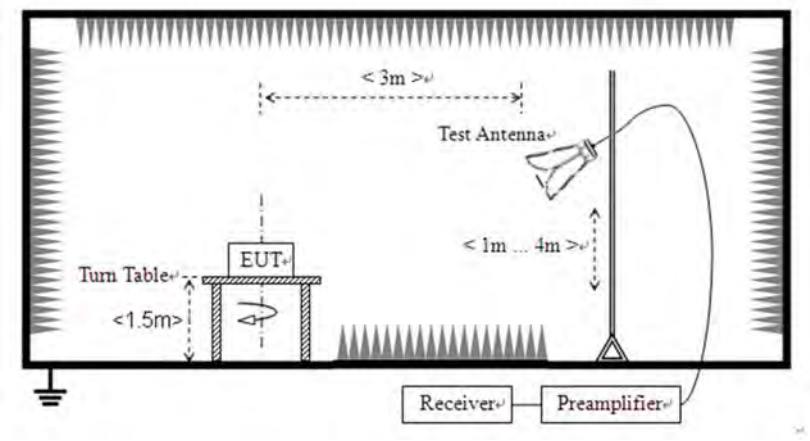
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



3. Description of Test Items and Results

3.1. Antenna Requirement

3.1.1. Requirement

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.1.2. Test Result

Antenna location	Antenna Type	Coupling Method
☒Internal ☐External	☐FPC Antenna ☐Spring Antenna ☐Ceramic Antenna ☐Integrated Antenna ☐Dipole Antenna ☐PCB Antenna ☒IFA Antenna	☐I-PEX Connector ☐SMA Connector ☐RP-SMA Connector ☒Metal Shrapnel

3.2. Duty Cycle, Transmission Duration, and Maximum Power Control Level

3.2.1. Requirement

All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation. The duty cycle is considered to be constant if variations are less than ±2%; otherwise, the duty cycle is considered to be non-constant.

1) T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2) Duty cycle (x), as used in this document, refers to the fraction of time over which the transmitter is on and is transmitting at its maximum power control level.
3) The term “maximum power control level” is intended to distinguish between operating power levels of the EUT and differences in power levels of individual symbols that occur with some modulation types such as quadrature amplitude modulation (QAM). During testing, the EUT is not required to transmit continuously its highest possible symbol power level. Rather, it shall transmit all of the symbols and shall do so at the highest power control level (i.e., highest operating power level) of the EUT.

3.2.2. Test Procedures

Refer to section II.B.2 of KDB 789033 D02.

3.2.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.2.4. Test Result

Refer to Annex A.1 and B.1 in this report.

3.3. Conducted Output Power and E.I.R.P.

3.3.1. Requirement

Device Class	U-NII Band	EIRP	Clause
Standard-Power AP	U-NII 5 U-NII 7	36dBm (<=21dBm@>30° for outdoor device)	15.407(a)(4)
Client Connected to Standard-Power AP			
Client Device (Except fixed client)		30dBm (Power below its associated standard power access point's authorized transmit power <=6dB)	15.407(a)(7)
Low-Power AP	U-NII 5 U-NII 6 U-NII 7 U-NII 8	30dBm	15.407(a)(5)
Client Connected to Low-Power AP		24dBm	15.407(a)(8)
Subordinate Device		30dBm	15.407(a)(6)

3.3.2. Test Procedures

Refer to the Method PM-G which in section II.E.3.a. of KDB 789033 D02.

3.3.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.3.4. Test Result

Refer to Annex A.2 and B.2 in this report.

3.4. Occupied Bandwidth and Emission Bandwidth

3.4.1. Requirement

The occupied bandwidth is the bandwidth containing 99 % of the power of the signal.

The emission bandwidth here is the width of the spectral envelope of the modulated signal, at an amplitude level reduced from a reference value by a specified ratio of 26dB.

The maximum occupied bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

There is no requirement on the emission bandwidth itself, but the value of emission bandwidth is required in other test items, such as emission mask, etc.

3.4.1. Test Procedures

Refer to section II.C.1. of KDB 789033 D02.

3.4.2. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.4.3. Test Result

Refer to Annex A.3 and B.3 in this report.

3.5. Power Spectral Density

3.5.1. Requirement

Device Class	U-NII Band	EIRP.SD	Clause
Standard-Power AP	U-NII 5 U-NII 7	23dBm/MHz	15.407(a)(4)
Client Connected to Standard-Power AP			
Client Device (Except fixed client)		17dBm/MHz	15.407(a)(7)
Low-Power AP	U-NII 5 U-NII 6 U-NII 7 U-NII 8	5dBm/MHz	15.407(a)(5)
Client Connected to Low-Power AP		-1dBm/MHz	15.407(a)(8)
Subordinate Device		5dBm/MHz	15.407(a)(6)

3.5.2. Test Procedures

Refer to section II.F of KDB 789033 D02.
Set RBW = 1 MHz.
Set VBW ≥ 3 MHz.
Sweep time = auto.
Detector = power averaging (rms).
Trace average at least 100 traces in power averaging (rms) mode.
Use peak search function of spectrum analyzer to mark and record the maximum value as conducted PSD.
Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10 log (1/0.25) = 6 dB if the duty cycle is 25%.

The final result is calculated by the following formula:
E.I.R.P.SD = Conducted PSD + 10 log (1/x) + Antenna Gain.

3.5.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

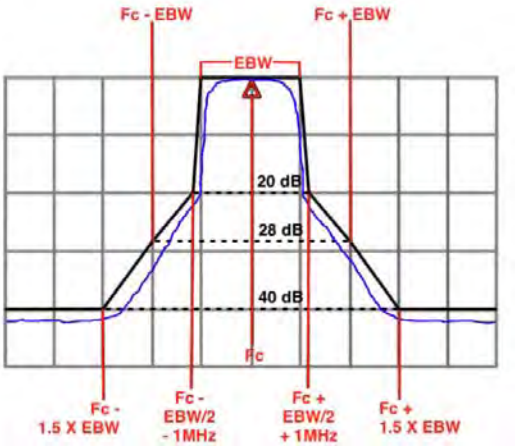
3.5.4. Test Result

Refer to Annex A.4 and B.4 in this report.

3.6. Emission Mask

3.6.1. Requirement

For transmitters operating within the 5.925–7.125GHz bands: Power spectral density must be suppressed by 20dB at 1 MHz outside of channel edge, by 28dB at one channel bandwidth from the channel center, and by 40dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20dB and 28dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28dB and 40dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40dB.



Generic Emission Mask

3.6.2. Test Procedures

Refer to section II.J of KDB 987594 D02.

3.6.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.6.4. Test Result

Refer to Annex A.5 and B.5 in this report.

3.7. Contention Based Protocol

3.7.1. Requirement

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125GHz band are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62dBm). The -62dBm (or lower) threshold is referenced to a 0dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

<table>
<tr><th>Parameters</th><th>Limit</th></tr>
<tr><td>Detection Threshold</td><td>≤ -62dBm</td></tr>
<tr><td>Detection Probability</td><td>≥ 90%</td></tr>
<tr><td>Simulating Incumbent Signal Type</td><td>AWGN</td></tr>
<tr><td>Simulating Incumbent Signal Bandwidth</td><td>10MHz</td></tr>
<tr><td>Number of tests</td><td>
<table>
<tr><th>If</th><th>Number of Tests</th><th>Placement of Incumbent Transmission</th></tr>
<tr><td>$BW_{EUT} \leq BW_{Inc}$</td><td>Once</td><td>Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)</td></tr>
<tr><td>$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$</td><td>Once</td><td>Incumbent transmission is contained within BW_{EUT}</td></tr>
<tr><td>$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$</td><td>Twice. Incumbent transmission is contained within BW_{EUT}</td><td>Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel</td></tr>
<tr><td>$BW_{EUT} > 4BW_{Inc}$</td><td>Three times</td><td>Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel</td></tr>
</table>
where:
BW_{EUT}: Transmission bandwidth of EUT signal
BW_{Inc}: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)
f_{c1}: Center frequency of EUT transmission
f_{c2}: Center frequency of simulated incumbent signal
</td></tr>
</table>

Min_{DL} is the Minimum AWGN single level that the EUT detects and determines the medium is busy.

3.7.2. Test Procedures

Refer to section II.J of KDB 987594 D02.

3.7.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.
The detection threshold be corrected based on below equation:
Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)
Where: Antenna Gain = -5 dBi, and Path Loss = 2 dB.

3.7.4. Test Result

Refer to Annex A.6 in this report.
Channel puncturing or bandwidth reduction is not supported by the EUT.

3.8. Dual Client Dest

3.8.1. Requirement

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP or a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations and then control the power levels accordingly.

3.8.2. Test Procedures

Refer to section II.K of KDB 987594 D02.

3.8.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.8.4. Test Result

Refer to Annex A.7 in this report.

Information of AP:

AP Type	Manufacturer	Model	Serial No.	FCC ID
Standard Power AP	ASUS	GT-BE98Pro	S4IG6M2005366YK	MSQ-RTBE6M00
Low Power Indoor AP	ASUS	GT-BE98Pro	S5IG6M200536HEF	

3.9. Proper Power Adjustment

3.9.1. Requirement

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

3.9.2. Test Procedures

This compliance assessment method is based on the FCC response from TCBC workshop notes “240416-05 KDB Sharing” slide 51~52 in April 2024. This method is to use a simulator to implement the test procedure. The detailed test procedure is as follows:

1. Connect equipment as the setup diagram in section 2.6.1.4) of this report.
2. In the setup diagram, the Std Power AP is a wireless Wi-Fi router. Simulate different power levels approved by the AFC system by modifying the power of the router in its management page. The following figures show three different power configurations of the AP.

The basic information of this router is as below table:

Model	FCC ID	Manufacturer	Serial No.	Firmware Version	Mode / Bandwidth	Operating Channel / Freq.	Antenna Gain in 6 GHz U-NII 5
GT-BE98Pro	MSQ-RTBE6M00	ASUS	S4IG6M2005366YK	3.0.0.6.102_34491	ax / 20 MHz	1 / 5955 MHz	1.80 dBi

3. Adjust Atten 1 to AP to facilitate error-free communication with the EUT but protect the EUT receiver from overload or damage.
4. Configure the EUT and AP to associate and send data (stream data). The AP should be configured its maximum power.
5. Verify transmission between the Client and the AP. Additional attenuators may be required to protect measurement equipment. Measure the conducted power of EUT and AP using the Method SA-3 in section 12.4.2.6 in C63.10 respectively, and use two colors of trace to distinguish them on the spectrum analyzer, compensate the cable loss and insert loss of the directional

coupler to the spectrum analyzer. Use the conducted power and their antenna gain to calculate the EIRP.

6. The EUT EIRP should be minimally 6 dB lower than the APs.
7. Repeat Steps 2 through 5 at two other selected measurement points—the first at the midpoint and the second at the AP's lowest rated power.

3.9.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.9.4. Test Result

Refer to Annex A.8 in this report.

3.10. Frequency Stability

3.10.1. Requirement

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.10.2. Test Procedures

Refer to section 6.8 of ANSI C63.10.

3.10.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.10.4. Test Result

Refer to Annex A.9 in this report.

3.11. Conducted Emission

3.11.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

Note:

(a) The lower limit shall apply at the band edges.

(b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

3.11.2. Test Procedures

The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10.

3.11.3. Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.11.4. Test Result

Refer to Annex A.10 in this report.

3.12. Restricted Frequency Bands

3.12.1. Requirement

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), should comply with the radiated emission limits specified in Section 15.209(a) (below table).

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m):

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the above table.

For Above 1000MHz, the emission limit in above is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

3.12.2. Test Procedures

The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

KDB 789033 Section H) 3)5)6(d)) was used in order to prove compliance

For the Test Antenna:

Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

3.12.3. Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.12.4. Test Result

Refer to Annex A.11 and B.6 in this report.

3.13. Radiated Emission

3.13.1. Requirement

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

3.13.2. Test Procedures

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz.The antenna to EUT

distance is 3meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

3.13.3. Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.13.4. Test Result

Refer to Annex A.12 and B.7 in this report.

Annex A Test Data and Result

A.1.Duty Cycle of Test Signal

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20 SISO	5955	Ant12	100	0	0
NVNT	ax20 SISO	5175	Ant12	100	0	0
NVNT	ax20 SISO	6415	Ant12	99.9	0	0
NVNT	ax20 SISO	6535	Ant12	100	0	0
NVNT	ax20 SISO	6695	Ant12	100	0	0
NVNT	ax20 SISO	6855	Ant12	100	0	0
NVNT	ax20 SISO	5955	Ant13	99.9	0	0
NVNT	ax20 SISO	6175	Ant13	99.25	0.03	0.19
NVNT	ax20 SISO	6415	Ant13	99.9	0	0
NVNT	ax20 SISO	6535	Ant13	99.9	0	0
NVNT	ax20 SISO	6695	Ant13	99.25	0.03	0.19
NVNT	ax20 SISO	6855	Ant13	99.9	0	0
NVNT	ax20 MIMO	5955	Sum	99.25	0.03	0.19
NVNT	ax20 MIMO	6175	Sum	99.25	0.03	0.19
NVNT	ax20 MIMO	6415	Sum	100	0	0
NVNT	ax20 MIMO	6535	Sum	100	0	0
NVNT	ax20 MIMO	6695	Sum	100	0	0
NVNT	ax20 MIMO	6855	Sum	100	0	0
NVNT	ax20 SISO	6435	Ant12	100	0	0
NVNT	ax20 SISO	6475	Ant12	100	0	0
NVNT	ax20 SISO	6515	Ant12	100	0	0
NVNT	ax20 SISO	6875	Ant12	100	0	0
NVNT	ax20 SISO	6995	Ant12	100	0	0
NVNT	ax20 SISO	7115	Ant12	100	0	0
NVNT	ax20 SISO	6435	Ant13	100	0	0
NVNT	ax20 SISO	6475	Ant13	100	0	0
NVNT	ax20 SISO	6515	Ant13	100	0	0
NVNT	ax20 SISO	6875	Ant13	100	0	0
NVNT	ax20 SISO	6995	Ant13	100	0	0
NVNT	ax20 SISO	7115	Ant13	100	0	0
NVNT	ax20 MIMO	6435	Sum	100	0	0
NVNT	ax20 MIMO	6475	Sum	100	0	0

NVNT	ax20 MIMO	6515	Sum	100	0	0
NVNT	ax20 MIMO	6875	Sum	100	0	0
NVNT	ax20 MIMO	6995	Sum	100	0	0
NVNT	ax20 MIMO	7115	Sum	100	0	0
NVNT	ax40 SISO	5965	Ant12	100	0	0
NVNT	ax40 SISO	6205	Ant12	99.9	0	0
NVNT	ax40 SISO	6405	Ant12	99.9	0	0
NVNT	ax40 SISO	6565	Ant12	99.63	0.02	0.09
NVNT	ax40 SISO	6685	Ant12	99.9	0	0
NVNT	ax40 SISO	6845	Ant12	99.9	0	0
NVNT	ax40 SISO	5965	Ant13	99.26	0.03	0.19
NVNT	ax40 SISO	6205	Ant13	99.9	0	0
NVNT	ax40 SISO	6405	Ant13	99.9	0	0
NVNT	ax40 SISO	6565	Ant13	99.9	0	0
NVNT	ax40 SISO	6685	Ant13	100	0	0
NVNT	ax40 SISO	6845	Ant13	100	0	0
NVNT	ax40 MIMO	5965	Sum	99.9	0	0
NVNT	ax40 MIMO	6205	Sum	100	0	0
NVNT	ax40 MIMO	6405	Sum	100	0	0
NVNT	ax40 MIMO	6565	Sum	100	0	0
NVNT	ax40 MIMO	6685	Sum	100	0	0
NVNT	ax40 MIMO	6845	Sum	100	0	0
NVNT	ax40 SISO	6445	Ant12	100	0	0
NVNT	ax40 SISO	6485	Ant12	99.9	0	0
NVNT	ax40 SISO	6885	Ant12	99.9	0	0
NVNT	ax40 SISO	6965	Ant12	100	0	0
NVNT	ax40 SISO	7085	Ant12	99.9	0	0
NVNT	ax40 SISO	6445	Ant13	100	0	0
NVNT	ax40 SISO	6485	Ant13	100	0	0
NVNT	ax40 SISO	6885	Ant13	100	0	0
NVNT	ax40 SISO	6965	Ant13	100	0	0
NVNT	ax40 SISO	7085	Ant13	100	0	0
NVNT	ax40 MIMO	6445	Sum	100	0	0
NVNT	ax40 MIMO	6485	Sum	100	0	0
NVNT	ax40 MIMO	6885	Sum	100	0	0
NVNT	ax40 MIMO	6965	Sum	99.9	0	0
NVNT	ax40 MIMO	7085	Sum	100	0	0
NVNT	ax80 SISO	5985	Ant12	99.24	0.03	0.19

NVNT	ax80 SISO	6225	Ant12	99.9	0	0
NVNT	ax80 SISO	6385	Ant12	99.24	0.03	0.19
NVNT	ax80 SISO	6625	Ant12	99.24	0.03	0.19
NVNT	ax80 SISO	6705	Ant12	99.24	0.03	0.19
NVNT	ax80 SISO	6785	Ant12	99.24	0.03	0.19
NVNT	ax80 SISO	5985	Ant13	99.9	0	0
NVNT	ax80 SISO	6225	Ant13	99.24	0.03	0.19
NVNT	ax80 SISO	6385	Ant13	99.24	0.03	0.19
NVNT	ax80 SISO	6625	Ant13	99.24	0.03	0.19
NVNT	ax80 SISO	6705	Ant13	99.24	0.03	0.19
NVNT	ax80 SISO	6785	Ant13	99.24	0.03	0.19
NVNT	ax80 MIMO	5985	Sum	99.24	0.03	0.19
NVNT	ax80 MIMO	6225	Sum	99.24	0.03	0.19
NVNT	ax80 MIMO	6385	Sum	99.24	0.03	0.19
NVNT	ax80 MIMO	6625	Sum	99.24	0.03	0.19
NVNT	ax80 MIMO	6705	Sum	99.24	0.03	0.19
NVNT	ax80 MIMO	6785	Sum	99.24	0.03	0.19
NVNT	ax80 SISO	6465	Ant12	99.24	0.03	0.19
NVNT	ax80 SISO	6945	Ant12	100	0	0
NVNT	ax80 SISO	7025	Ant12	99.62	0.02	0.1
NVNT	ax80 SISO	6465	Ant13	99.24	0.03	0.19
NVNT	ax80 SISO	6945	Ant13	99.9	0	0
NVNT	ax80 SISO	7025	Ant13	100	0	0
NVNT	ax80 MIMO	6465	Sum	99.9	0	0
NVNT	ax80 MIMO	6945	Sum	99.24	0.03	0.19
NVNT	ax80 MIMO	7025	Sum	99.24	0.03	0.19
NVNT	ax160 SISO	6025	Ant12	100	0	0
NVNT	ax160 SISO	6185	Ant12	100	0	0
NVNT	ax160 SISO	6345	Ant12	100	0	0
NVNT	ax160 SISO	6665	Ant12	100	0	0
NVNT	ax160 SISO	6025	Ant13	100	0	0
NVNT	ax160 SISO	6185	Ant13	99.55	0.02	0.11
NVNT	ax160 SISO	6345	Ant13	98.77	0.05	0.31
NVNT	ax160 SISO	6665	Ant13	94.59	0.24	1.43
NVNT	ax160 MIMO	6025	Sum	100	0	0
NVNT	ax160 MIMO	6185	Sum	99.9	0	0
NVNT	ax160 MIMO	6345	Sum	99.9	0	0
NVNT	ax160 MIMO	6665	Sum	100	0	0

NVNT	ax160 SISO	6985	Ant12	99.9	0	0
NVNT	ax160 SISO	6985	Ant13	99.55	0.02	0.11
NVNT	ax160 MIMO	6985	Sum	100	0	0
NVNT	be20 SISO	5955	Ant12	100	0	0
NVNT	be20 SISO	6175	Ant12	100	0	0
NVNT	be20 SISO	6415	Ant12	100	0	0
NVNT	be20 SISO	6535	Ant12	100	0	0
NVNT	be20 SISO	6695	Ant12	100	0	0
NVNT	be20 SISO	6855	Ant12	100	0	0
NVNT	be20 SISO	5955	Ant13	99.9	0	0
NVNT	be20 SISO	6175	Ant13	99.9	0	0
NVNT	be20 SISO	6415	Ant13	99.25	0.03	0.19
NVNT	be20 SISO	6535	Ant13	99.9	0	0
NVNT	be20 SISO	6695	Ant13	99.25	0.03	0.19
NVNT	be20 SISO	6855	Ant13	100	0	0
NVNT	be20 MIMO	5955	Sum	99.9	0	0
NVNT	be20 MIMO	6175	Sum	100	0	0
NVNT	be20 MIMO	6415	Sum	100	0	0
NVNT	be20 MIMO	6535	Sum	100	0	0
NVNT	be20 MIMO	6695	Sum	100	0	0
NVNT	be20 MIMO	6855	Sum	100	0	0
NVNT	be20 SISO	6435	Ant12	100	0	0
NVNT	be20 SISO	6475	Ant12	100	0	0
NVNT	be20 SISO	6515	Ant12	100	0	0
NVNT	be20 SISO	6875	Ant12	100	0	0
NVNT	be20 SISO	6995	Ant12	100	0	0
NVNT	be20 SISO	7115	Ant12	100	0	0
NVNT	be20 SISO	6435	Ant13	100	0	0
NVNT	be20 SISO	6475	Ant13	100	0	0
NVNT	be20 SISO	6515	Ant13	100	0	0
NVNT	be20 SISO	6875	Ant13	100	0	0
NVNT	be20 SISO	6995	Ant13	100	0	0
NVNT	be20 SISO	7115	Ant13	100	0	0
NVNT	be20 MIMO	6435	Sum	100	0	0
NVNT	be20 MIMO	6475	Sum	100	0	0
NVNT	be20 MIMO	6515	Sum	100	0	0
NVNT	be20 MIMO	6875	Sum	100	0	0
NVNT	be20 MIMO	6995	Sum	100	0	0

NVNT	be20 MIMO	7115	Sum	100	0	0
NVNT	be40 SISO	5965	Ant12	100	0	0
NVNT	be40 SISO	6205	Ant12	99.9	0	0
NVNT	be40 SISO	6405	Ant12	99.9	0	0
NVNT	be40 SISO	6565	Ant12	99.9	0	0
NVNT	be40 SISO	6685	Ant12	99.9	0	0
NVNT	be40 SISO	6845	Ant12	99.9	0	0
NVNT	be40 SISO	5965	Ant13	99.9	0	0
NVNT	be40 SISO	6205	Ant13	99.26	0.03	0.19
NVNT	be40 SISO	6405	Ant13	99.26	0.03	0.19
NVNT	be40 SISO	6565	Ant13	99.63	0.02	0.09
NVNT	be40 SISO	6685	Ant13	99.26	0.03	0.19
NVNT	be40 SISO	6845	Ant13	99.63	0.02	0.09
NVNT	be40 MIMO	5965	Sum	100	0	0
NVNT	be40 MIMO	6205	Sum	99.26	0.03	0.19
NVNT	be40 MIMO	6405	Sum	100	0	0
NVNT	be40 MIMO	6565	Sum	99.9	0	0
NVNT	be40 MIMO	6685	Sum	99.9	0	0
NVNT	be40 MIMO	6845	Sum	99.9	0	0
NVNT	be40 SISO	6445	Ant12	99.9	0	0
NVNT	be40 SISO	6485	Ant12	100	0	0
NVNT	be40 SISO	6885	Ant12	99.9	0	0
NVNT	be40 SISO	6965	Ant12	99.9	0	0
NVNT	be40 SISO	7085	Ant12	99.9	0	0
NVNT	be40 SISO	6445	Ant13	100	0	0
NVNT	be40 SISO	6485	Ant13	100	0	0
NVNT	be40 SISO	6885	Ant13	99.9	0	0
NVNT	be40 SISO	6965	Ant13	99.9	0	0
NVNT	be40 SISO	7085	Ant13	99.9	0	0
NVNT	be40 MIMO	6445	Sum	100	0	0
NVNT	be40 MIMO	6485	Sum	99.9	0	0
NVNT	be40 MIMO	6885	Sum	100	0	0
NVNT	be40 MIMO	6965	Sum	99.9	0	0
NVNT	be40 MIMO	7085	Sum	100	0	0
NVNT	be80 SISO	5985	Ant12	99.24	0.03	0.19
NVNT	be80 SISO	6225	Ant12	98.87	0.05	0.19
NVNT	be80 SISO	6385	Ant12	99.24	0.03	0.19
NVNT	be80 SISO	6625	Ant12	99.24	0.03	0.19

NVNT	be80 SISO	6705	Ant12	98.87	0.05	0.19
NVNT	be80 SISO	6785	Ant12	99.24	0.03	0.19
NVNT	be80 SISO	5985	Ant13	98.87	0.05	0.19
NVNT	be80 SISO	6225	Ant13	99.24	0.03	0.19
NVNT	be80 SISO	6385	Ant13	99.24	0.03	0.19
NVNT	be80 SISO	6625	Ant13	98.87	0.05	0.19
NVNT	be80 SISO	6705	Ant13	99.24	0.03	0.19
NVNT	be80 SISO	6785	Ant13	98.87	0.05	0.19
NVNT	be80 MIMO	5985	Sum	98.87	0.05	0.19
NVNT	be80 MIMO	6225	Sum	98.87	0.05	0.19
NVNT	be80 MIMO	6385	Sum	99.62	0.02	0.09
NVNT	be80 MIMO	6625	Sum	99.25	0.03	0.19
NVNT	be80 MIMO	6705	Sum	99.24	0.03	0.19
NVNT	be80 MIMO	6785	Sum	99.24	0.03	0.19
NVNT	be80 SISO	6465	Ant12	99.25	0.03	0.19
NVNT	be80 SISO	6945	Ant12	99.25	0.03	0.19
NVNT	be80 SISO	7025	Ant12	99.9	0	0
NVNT	be80 SISO	6465	Ant13	100	0	0
NVNT	be80 SISO	6945	Ant13	99.9	0	0
NVNT	be80 SISO	7025	Ant13	99.62	0.02	0.09
NVNT	be80 MIMO	6465	Sum	99.9	0	0
NVNT	be80 MIMO	6945	Sum	100	0	0
NVNT	be80 MIMO	7025	Sum	99.24	0.03	0.19
NVNT	be160 SISO	6025	Ant12	100	0	0
NVNT	be160 SISO	6185	Ant12	98.21	0.08	0.45
NVNT	be160 SISO	6345	Ant12	99.48	0.02	0.13
NVNT	be160 SISO	6665	Ant12	99.9	0	0
NVNT	be160 SISO	6025	Ant13	100	0	0
NVNT	be160 SISO	6185	Ant13	99.1	0.04	0.23
NVNT	be160 SISO	6345	Ant13	99.1	0.04	0.23
NVNT	be160 SISO	6665	Ant13	99.1	0.04	0.23
NVNT	be160 MIMO	6025	Sum	100	0	0
NVNT	be160 MIMO	6185	Sum	100	0	0
NVNT	be160 MIMO	6345	Sum	100	0	0
NVNT	be160 MIMO	6665	Sum	100	0	0
NVNT	be160 SISO	6985	Ant12	100	0	0
NVNT	be160 SISO	6985	Ant13	99.1	0.04	0.23
NVNT	be160 MIMO	6985	Sum	100	0	0

NVNT	be320 SISO	6105	Ant12	100	0	0
NVNT	be320 SISO	6745	Ant12	100	0	0
NVNT	be320 SISO	6105	Ant13	100	0	0
NVNT	be320 SISO	6745	Ant13	100	0	0
NVNT	be320 MIMO	6105	Sum	100	0	0
NVNT	be320 MIMO	6745	Sum	100	0	0
NVNT	be320 SISO	6425	Ant12	100	0	0
NVNT	be320 SISO	6905	Ant12	100	0	0
NVNT	be320 SISO	6425	Ant13	100	0	0
NVNT	be320 SISO	6905	Ant13	99.9	0	0
NVNT	be320 MIMO	6425	Sum	100	0	0
NVNT	be320 MIMO	6905	Sum	100	0	0
NVNT	ax20 26@0 SISO	5955	Ant12	96.23	0.17	0.2
NVNT	ax20 26@0 SISO	6175	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6415	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6535	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6695	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6855	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	5955	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6175	Ant13	95.47	0.2	0.2
NVNT	ax20 26@0 SISO	6415	Ant13	95.47	0.2	0.2
NVNT	ax20 26@0 SISO	6535	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6695	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6855	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	5955	Sum	96.23	0.17	0.2
NVNT	ax20 26@0 MIMO	6175	Sum	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	6415	Sum	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	6535	Sum	96.23	0.17	0.2
NVNT	ax20 26@0 MIMO	6695	Sum	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	6855	Sum	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6435	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6475	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6515	Ant12	96.23	0.17	0.2
NVNT	ax20 26@0 SISO	6875	Ant12	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6995	Ant12	96.23	0.17	0.2
NVNT	ax20 26@0 SISO	7115	Ant12	96.23	0.17	0.2
NVNT	ax20 26@0 SISO	6435	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6475	Ant13	95.85	0.18	0.2

NVNT	ax20 26@0 SISO	6515	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6875	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 SISO	6995	Ant13	96.23	0.17	0.2
NVNT	ax20 26@0 SISO	7115	Ant13	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	6435	Sum	96.23	0.17	0.2
NVNT	ax20 26@0 MIMO	6475	Sum	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	6515	Sum	95.85	0.18	0.2
NVNT	ax20 26@0 MIMO	6875	Sum	96.21	0.17	0.2
NVNT	ax20 26@0 MIMO	6995	Sum	96.21	0.17	0.2
NVNT	ax20 26@0 MIMO	7115	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	5955	Ant12	95.83	0.18	0.2
NVNT	ax20 52@37 SISO	6175	Ant12	95.83	0.18	0.2
NVNT	ax20 52@37 SISO	6415	Ant12	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6535	Ant12	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	6695	Ant12	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6855	Ant12	95.83	0.18	0.2
NVNT	ax20 52@37 SISO	5955	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6175	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6415	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6535	Ant13	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	6695	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6855	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	5955	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	6175	Sum	95.83	0.18	0.2
NVNT	ax20 52@37 MIMO	6415	Sum	96.21	0.17	0.2
NVNT	ax20 52@37 MIMO	6535	Sum	95.83	0.18	0.2
NVNT	ax20 52@37 MIMO	6695	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	6855	Sum	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	6435	Ant12	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6475	Ant12	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6515	Ant12	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	6875	Ant12	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6995	Ant12	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	7115	Ant12	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	6435	Ant13	95.83	0.18	0.2
NVNT	ax20 52@37 SISO	6475	Ant13	96.21	0.17	0.2
NVNT	ax20 52@37 SISO	6515	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 SISO	6875	Ant13	95.85	0.18	0.2

NVNT	ax20 52@37 SISO	6995	Ant13	95.83	0.18	0.2
NVNT	ax20 52@37 SISO	7115	Ant13	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	6435	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	6475	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	6515	Sum	96.21	0.17	0.2
NVNT	ax20 52@37 MIMO	6875	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	6995	Sum	95.85	0.18	0.2
NVNT	ax20 52@37 MIMO	7115	Sum	96.21	0.17	0.2
NVNT	ax20 106@53 SISO	5955	Ant12	96.36	0.16	0.21
NVNT	ax20 106@53 SISO	6175	Ant12	96.36	0.16	0.21
NVNT	ax20 106@53 SISO	6415	Ant12	96.37	0.16	0.21
NVNT	ax20 106@53 SISO	6535	Ant12	96.37	0.16	0.21
NVNT	ax20 106@53 SISO	6695	Ant12	96.37	0.16	0.21
NVNT	ax20 106@53 SISO	6855	Ant12	96.76	0.14	0.21
NVNT	ax20 106@53 SISO	5955	Ant13	96.36	0.16	0.21
NVNT	ax20 106@53 SISO	6175	Ant13	96.36	0.16	0.21
NVNT	ax20 106@53 SISO	6415	Ant13	96.37	0.16	0.21
NVNT	ax20 106@53 SISO	6535	Ant13	96.36	0.16	0.21
NVNT	ax20 106@53 SISO	6695	Ant13	96.36	0.16	0.21
NVNT	ax20 106@53 SISO	6855	Ant13	96.76	0.14	0.21
NVNT	ax20 106@53 MIMO	5955	Sum	96.36	0.16	0.21
NVNT	ax20 106@53 MIMO	6175	Sum	95.95	0.18	0.21
NVNT	ax20 106@53 MIMO	6415	Sum	96.37	0.16	0.21
NVNT	ax20 106@53 MIMO	6535	Sum	96.36	0.16	0.21
NVNT	ax20 106@53 MIMO	6695	Sum	96.36	0.16	0.21
NVNT	ax20 106@53 MIMO	6855	Sum	96.37	0.16	0.21
NVNT	ax20 106@53 SISO	6435	Ant12	96.21	0.17	0.2
NVNT	ax20 106@53 SISO	6475	Ant12	96.21	0.17	0.2
NVNT	ax20 106@53 SISO	6515	Ant12	96.21	0.17	0.2
NVNT	ax20 106@53 SISO	6875	Ant12	95.83	0.18	0.2
NVNT	ax20 106@53 SISO	6995	Ant12	95.85	0.18	0.2
NVNT	ax20 106@53 SISO	7115	Ant12	95.83	0.18	0.2
NVNT	ax20 106@53 SISO	6435	Ant13	96.21	0.17	0.2
NVNT	ax20 106@53 SISO	6475	Ant13	95.85	0.18	0.2
NVNT	ax20 106@53 SISO	6515	Ant13	95.83	0.18	0.2
NVNT	ax20 106@53 SISO	6875	Ant13	95.85	0.18	0.2
NVNT	ax20 106@53 SISO	6995	Ant13	96.21	0.17	0.2
NVNT	ax20 106@53 SISO	7115	Ant13	96.21	0.17	0.2

NVNT	ax20 106@53 MIMO	6435	Sum	95.85	0.18	0.2
NVNT	ax20 106@53 MIMO	6475	Sum	96.21	0.17	0.2
NVNT	ax20 106@53 MIMO	6515	Sum	96.21	0.17	0.2
NVNT	ax20 106@53 MIMO	6875	Sum	96.21	0.17	0.2
NVNT	ax20 106@53 MIMO	6995	Sum	96.21	0.17	0.2
NVNT	ax20 106@53 MIMO	7115	Sum	95.83	0.18	0.2
NVNT	ax40 26@0 SISO	5965	Ant12	95.85	0.18	0.2
NVNT	ax40 26@0 SISO	5965	Ant13	95.85	0.18	0.2
NVNT	ax40 26@0 MIMO	5965	Sum	95.85	0.18	0.2
NVNT	ax40 26@0 SISO	6445	Ant12	95.85	0.18	0.2
NVNT	ax40 26@0 SISO	6445	Ant13	96.23	0.17	0.2
NVNT	ax40 26@0 MIMO	6445	Sum	96.23	0.17	0.2
NVNT	ax40 52@37 SISO	5965	Ant12	95.85	0.18	0.2
NVNT	ax40 52@37 SISO	5965	Ant13	96.21	0.17	0.2
NVNT	ax40 52@37 MIMO	5965	Sum	96.21	0.17	0.2
NVNT	ax40 52@37 SISO	6445	Ant12	95.83	0.18	0.2
NVNT	ax40 52@37 SISO	6445	Ant13	96.21	0.17	0.2
NVNT	ax40 52@37 MIMO	6445	Sum	96.21	0.17	0.2
NVNT	ax40 106@53 SISO	5965	Ant12	96.76	0.14	0.21
NVNT	ax40 106@53 SISO	5965	Ant13	96.36	0.16	0.21
NVNT	ax40 106@53 MIMO	5965	Sum	96.36	0.16	0.21
NVNT	ax40 106@53 SISO	6445	Ant12	96.36	0.16	0.21
NVNT	ax40 106@53 SISO	6445	Ant13	96.76	0.14	0.21
NVNT	ax40 106@53 MIMO	6445	Sum	96.36	0.16	0.21
NVNT	ax40 242@61 SISO	5965	Ant12	95.14	0.22	0.36
NVNT	ax40 242@61 SISO	5965	Ant13	94.48	0.25	0.36
NVNT	ax40 242@61 MIMO	5965	Sum	95.14	0.22	0.36
NVNT	ax40 242@61 SISO	6445	Ant12	95.14	0.22	0.36
NVNT	ax40 242@61 SISO	6445	Ant13	95.14	0.22	0.36
NVNT	ax40 242@61 MIMO	6445	Sum	95.14	0.22	0.36
NVNT	ax80 26@0 SISO	5985	Ant12	99.22	0.03	0.2
NVNT	ax80 26@0 SISO	5985	Ant13	99.22	0.03	0.2
NVNT	ax80 26@0 MIMO	5985	Sum	99.22	0.03	0.2
NVNT	ax80 26@0 SISO	6465	Ant12	99.22	0.03	0.2
NVNT	ax80 26@0 SISO	6465	Ant13	99.22	0.03	0.2
NVNT	ax80 26@0 MIMO	6465	Sum	99.22	0.03	0.2
NVNT	ax80 52@37 SISO	5985	Ant12	96.21	0.17	0.2
NVNT	ax80 52@37 SISO	5985	Ant13	96.21	0.17	0.2

NVNT	ax80 52@37 MIMO	5985	Sum	96.21	0.17	0.2
NVNT	ax80 52@37 SISO	6465	Ant12	95.83	0.18	0.2
NVNT	ax80 52@37 SISO	6465	Ant13	96.21	0.17	0.2
NVNT	ax80 52@37 MIMO	6465	Sum	95.83	0.18	0.2
NVNT	ax80 106@53 SISO	5985	Ant12	96.36	0.16	0.21
NVNT	ax80 106@53 SISO	5985	Ant13	96.36	0.16	0.21
NVNT	ax80 106@53 MIMO	5985	Sum	96.36	0.16	0.21
NVNT	ax80 106@53 SISO	6465	Ant12	96.36	0.16	0.21
NVNT	ax80 106@53 SISO	6465	Ant13	96.36	0.16	0.21
NVNT	ax80 106@53 MIMO	6465	Sum	96.76	0.14	0.21
NVNT	ax80 242@61 SISO	5985	Ant12	95.14	0.22	0.36
NVNT	ax80 242@61 SISO	5985	Ant13	94.44	0.25	0.37
NVNT	ax80 242@61 MIMO	5985	Sum	95.14	0.22	0.36
NVNT	ax80 242@61 SISO	6465	Ant12	95.14	0.22	0.36
NVNT	ax80 242@61 SISO	6465	Ant13	94.48	0.25	0.36
NVNT	ax80 242@61 MIMO	6465	Sum	95.14	0.22	0.36
NVNT	ax80 484@65 SISO	5985	Ant12	94.67	0.24	0.7
NVNT	ax80 484@65 SISO	5985	Ant13	94.59	0.24	0.71
NVNT	ax80 484@65 MIMO	5985	Sum	94.59	0.24	0.71
NVNT	ax80 484@65 SISO	6465	Ant12	94.59	0.24	0.71
NVNT	ax80 484@65 SISO	6465	Ant13	94.59	0.24	0.71
NVNT	ax80 484@65 MIMO	6465	Sum	94.59	0.24	0.71
NVNT	ax160 26@0 SISO	6025	Ant12	96.21	0.17	0.2
NVNT	ax160 26@0 SISO	6025	Ant13	96.23	0.17	0.2
NVNT	ax160 26@0 MIMO	6025	Sum	96.23	0.17	0.2
NVNT	ax160 26@0 SISO	6985	Ant12	96.23	0.17	0.2
NVNT	ax160 26@0 SISO	6985	Ant13	96.21	0.17	0.2
NVNT	ax160 26@0 MIMO	6985	Sum	96.23	0.17	0.2
NVNT	ax160 52@74 SISO	6025	Ant12	96.21	0.17	0.2
NVNT	ax160 52@74 SISO	6025	Ant13	96.21	0.17	0.2
NVNT	ax160 52@74 MIMO	6025	Sum	96.21	0.17	0.2
NVNT	ax160 52@74 SISO	6985	Ant12	96.21	0.17	0.2
NVNT	ax160 52@74 SISO	6985	Ant13	95.85	0.18	0.2
NVNT	ax160 52@74 MIMO	6985	Sum	95.85	0.18	0.2
NVNT	ax160 106@106 SISO	6025	Ant12	96.76	0.14	0.21
NVNT	ax160 106@106 SISO	6025	Ant13	96.36	0.16	0.21
NVNT	ax160 106@106 MIMO	6025	Sum	96.36	0.16	0.21
NVNT	ax160 106@106 SISO	6985	Ant12	96.76	0.14	0.21

NVNT	ax160 106@106 SISO	6985	Ant13	96.36	0.16	0.21
NVNT	ax160 106@106 MIMO	6985	Sum	96.36	0.16	0.21
NVNT	ax160 242@122 SISO	6025	Ant12	95.14	0.22	0.36
NVNT	ax160 242@122 SISO	6025	Ant13	95.14	0.22	0.36
NVNT	ax160 242@122 MIMO	6025	Sum	95.14	0.22	0.36
NVNT	ax160 242@122 SISO	6985	Ant12	94.44	0.25	0.37
NVNT	ax160 242@122 SISO	6985	Ant13	95.14	0.22	0.36
NVNT	ax160 242@122 MIMO	6985	Sum	94.48	0.25	0.36
NVNT	ax160 484@130 SISO	6025	Ant12	94.59	0.24	0.71
NVNT	ax160 484@130 SISO	6025	Ant13	95.95	0.18	0.7
NVNT	ax160 484@130 MIMO	6025	Sum	94.59	0.24	0.71
NVNT	ax160 484@130 SISO	6985	Ant12	94.59	0.24	0.71
NVNT	ax160 484@130 SISO	6985	Ant13	94.59	0.24	0.71
NVNT	ax160 484@130 MIMO	6985	Sum	94.59	0.24	0.71
NVNT	ax160 996@134 SISO	6025	Ant12	95.77	0.19	0.74
NVNT	ax160 996@134 SISO	6025	Ant13	97.14	0.13	0.74
NVNT	ax160 996@134 MIMO	6025	Sum	95.77	0.19	0.74
NVNT	ax160 996@134 SISO	6985	Ant12	97.14	0.13	0.74
NVNT	ax160 996@134 SISO	6985	Ant13	95.77	0.19	0.74
NVNT	ax160 996@134 MIMO	6985	Sum	95.77	0.19	0.74
NVNT	be20 26@0 SISO	5955	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6175	Ant12	96.23	0.17	0.2
NVNT	be20 26@0 SISO	6415	Ant12	95.47	0.2	0.2
NVNT	be20 26@0 SISO	6535	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6695	Ant12	95.83	0.18	0.2
NVNT	be20 26@0 SISO	6855	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	5955	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6175	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6415	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6535	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6695	Ant13	95.47	0.2	0.2
NVNT	be20 26@0 SISO	6855	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	5955	Sum	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	6175	Sum	95.47	0.2	0.2
NVNT	be20 26@0 MIMO	6415	Sum	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	6535	Sum	95.47	0.2	0.2
NVNT	be20 26@0 MIMO	6695	Sum	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	6855	Sum	95.85	0.18	0.2

NVNT	be20 26@0 SISO	6435	Ant12	96.21	0.17	0.2
NVNT	be20 26@0 SISO	6475	Ant12	96.21	0.17	0.2
NVNT	be20 26@0 SISO	6515	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6875	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6995	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	7115	Ant12	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6435	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6475	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6515	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	6875	Ant13	96.23	0.17	0.2
NVNT	be20 26@0 SISO	6995	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 SISO	7115	Ant13	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	6435	Sum	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	6475	Sum	95.85	0.18	0.2
NVNT	be20 26@0 MIMO	6515	Sum	96.23	0.17	0.2
NVNT	be20 26@0 MIMO	6875	Sum	96.23	0.17	0.2
NVNT	be20 26@0 MIMO	6995	Sum	96.23	0.17	0.2
NVNT	be20 26@0 MIMO	7115	Sum	96.23	0.17	0.2
NVNT	be20 52@37 SISO	5955	Ant12	95.85	0.18	0.2
NVNT	be20 52@37 SISO	6175	Ant12	95.85	0.18	0.2
NVNT	be20 52@37 SISO	6415	Ant12	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6535	Ant12	95.85	0.18	0.2
NVNT	be20 52@37 SISO	6695	Ant12	96.21	0.17	0.2
NVNT	be20 52@37 SISO	6855	Ant12	95.85	0.18	0.2
NVNT	be20 52@37 SISO	5955	Ant13	96.21	0.17	0.2
NVNT	be20 52@37 SISO	6175	Ant13	95.85	0.18	0.2
NVNT	be20 52@37 SISO	6415	Ant13	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6535	Ant13	95.47	0.2	0.2
NVNT	be20 52@37 SISO	6695	Ant13	96.21	0.17	0.2
NVNT	be20 52@37 SISO	6855	Ant13	96.21	0.17	0.2
NVNT	be20 52@37 MIMO	5955	Sum	95.85	0.18	0.2
NVNT	be20 52@37 MIMO	6175	Sum	96.21	0.17	0.2
NVNT	be20 52@37 MIMO	6415	Sum	95.83	0.18	0.2
NVNT	be20 52@37 MIMO	6535	Sum	95.83	0.18	0.2
NVNT	be20 52@37 MIMO	6695	Sum	96.21	0.17	0.2
NVNT	be20 52@37 MIMO	6855	Sum	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6435	Ant12	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6475	Ant12	96.21	0.17	0.2

NVNT	be20 52@37 SISO	6515	Ant12	96.21	0.17	0.2
NVNT	be20 52@37 SISO	6875	Ant12	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6995	Ant12	96.21	0.17	0.2
NVNT	be20 52@37 SISO	7115	Ant12	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6435	Ant13	95.83	0.18	0.2
NVNT	be20 52@37 SISO	6475	Ant13	96.21	0.17	0.2
NVNT	be20 52@37 SISO	6515	Ant13	96.21	0.17	0.2
NVNT	be20 52@37 SISO	6875	Ant13	95.85	0.18	0.2
NVNT	be20 52@37 SISO	6995	Ant13	95.85	0.18	0.2
NVNT	be20 52@37 SISO	7115	Ant13	95.83	0.18	0.2
NVNT	be20 52@37 MIMO	6435	Sum	95.83	0.18	0.2
NVNT	be20 52@37 MIMO	6475	Sum	96.21	0.17	0.2
NVNT	be20 52@37 MIMO	6515	Sum	95.85	0.18	0.2
NVNT	be20 52@37 MIMO	6875	Sum	96.21	0.17	0.2
NVNT	be20 52@37 MIMO	6995	Sum	96.21	0.17	0.2
NVNT	be20 52@37 MIMO	7115	Sum	95.85	0.18	0.2
NVNT	be20 106@53 SISO	5955	Ant12	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6175	Ant12	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6415	Ant12	96.37	0.16	0.21
NVNT	be20 106@53 SISO	6535	Ant12	96.37	0.16	0.21
NVNT	be20 106@53 SISO	6695	Ant12	96.76	0.14	0.21
NVNT	be20 106@53 SISO	6855	Ant12	96.36	0.16	0.21
NVNT	be20 106@53 SISO	5955	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6175	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6415	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6535	Ant13	96.76	0.14	0.21
NVNT	be20 106@53 SISO	6695	Ant13	96.37	0.16	0.21
NVNT	be20 106@53 SISO	6855	Ant13	96.76	0.14	0.21
NVNT	be20 106@53 MIMO	5955	Sum	96.76	0.14	0.21
NVNT	be20 106@53 MIMO	6175	Sum	96.76	0.14	0.21
NVNT	be20 106@53 MIMO	6415	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	6535	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	6695	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	6855	Sum	96.37	0.16	0.21
NVNT	be20 106@53 SISO	6435	Ant12	96.37	0.16	0.21
NVNT	be20 106@53 SISO	6475	Ant12	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6515	Ant12	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6875	Ant12	96.36	0.16	0.21

NVNT	be20 106@53 SISO	6995	Ant12	96.36	0.16	0.21
NVNT	be20 106@53 SISO	7115	Ant12	96.76	0.14	0.21
NVNT	be20 106@53 SISO	6435	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6475	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6515	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6875	Ant13	96.36	0.16	0.21
NVNT	be20 106@53 SISO	6995	Ant13	96.76	0.14	0.21
NVNT	be20 106@53 SISO	7115	Ant13	96.37	0.16	0.21
NVNT	be20 106@53 MIMO	6435	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	6475	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	6515	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	6875	Sum	96.76	0.14	0.21
NVNT	be20 106@53 MIMO	6995	Sum	96.36	0.16	0.21
NVNT	be20 106@53 MIMO	7115	Sum	96.36	0.16	0.21
NVNT	be40 26@0 SISO	5965	Ant12	95.85	0.18	0.2
NVNT	be40 26@0 SISO	5965	Ant13	95.85	0.18	0.2
NVNT	be40 26@0 MIMO	5965	Sum	95.85	0.18	0.2
NVNT	be40 26@0 SISO	6445	Ant12	94.48	0.25	0.36
NVNT	be40 26@0 SISO	6445	Ant13	94.48	0.25	0.36
NVNT	be40 26@0 MIMO	6445	Sum	95.85	0.18	0.2
NVNT	be40 52@37 SISO	5965	Ant12	95.83	0.18	0.2
NVNT	be40 52@37 SISO	5965	Ant13	96.21	0.17	0.2
NVNT	be40 52@37 MIMO	5965	Sum	95.85	0.18	0.2
NVNT	be40 52@37 SISO	6445	Ant12	96.21	0.17	0.2
NVNT	be40 52@37 SISO	6445	Ant13	96.21	0.17	0.2
NVNT	be40 52@37 MIMO	6445	Sum	96.21	0.17	0.2
NVNT	be40 106@53 SISO	5965	Ant12	96.36	0.16	0.21
NVNT	be40 106@53 SISO	5965	Ant13	96.36	0.16	0.21
NVNT	be40 106@53 MIMO	5965	Sum	96.76	0.14	0.21
NVNT	be40 106@53 SISO	6445	Ant12	96.76	0.14	0.21
NVNT	be40 106@53 SISO	6445	Ant13	96.76	0.14	0.21
NVNT	be40 106@53 MIMO	6445	Sum	96.36	0.16	0.21
NVNT	be40 242@61 SISO	5965	Ant12	94.44	0.25	0.37
NVNT	be40 242@61 SISO	5965	Ant13	94.48	0.25	0.36
NVNT	be40 242@61 MIMO	5965	Sum	94.48	0.25	0.36
NVNT	be40 242@61 SISO	6445	Ant12	94.48	0.25	0.36
NVNT	be40 242@61 SISO	6445	Ant13	95.14	0.22	0.36
NVNT	be40 242@61 MIMO	6445	Sum	95.14	0.22	0.36

NVNT	be80 26@0 SISO	5985	Ant12	98.83	0.05	0.2
NVNT	be80 26@0 SISO	5985	Ant13	99.22	0.03	0.2
NVNT	be80 26@0 MIMO	5985	Sum	99.22	0.03	0.2
NVNT	be80 26@0 SISO	6465	Ant12	99.22	0.03	0.2
NVNT	be80 26@0 SISO	6465	Ant13	99.61	0.02	0.1
NVNT	be80 26@0 MIMO	6465	Sum	99.22	0.03	0.2
NVNT	be80 52@37 SISO	5985	Ant12	95.85	0.18	0.2
NVNT	be80 52@37 SISO	5985	Ant13	95.83	0.18	0.2
NVNT	be80 52@37 MIMO	5985	Sum	95.85	0.18	0.2
NVNT	be80 52@37 SISO	6465	Ant12	96.21	0.17	0.2
NVNT	be80 52@37 SISO	6465	Ant13	95.85	0.18	0.2
NVNT	be80 52@37 MIMO	6465	Sum	95.83	0.18	0.2
NVNT	be80 106@53 SISO	5985	Ant12	96.76	0.14	0.21
NVNT	be80 106@53 SISO	5985	Ant13	96.76	0.14	0.21
NVNT	be80 106@53 MIMO	5985	Sum	96.76	0.14	0.21
NVNT	be80 106@53 SISO	6465	Ant12	96.36	0.16	0.21
NVNT	be80 106@53 SISO	6465	Ant13	96.36	0.16	0.21
NVNT	be80 106@53 MIMO	6465	Sum	96.76	0.14	0.21
NVNT	be80 242@61 SISO	5985	Ant12	94.59	0.24	0.71
NVNT	be80 242@61 SISO	5985	Ant13	94.59	0.24	0.71
NVNT	be80 242@61 MIMO	5985	Sum	94.59	0.24	0.71
NVNT	be80 242@61 SISO	6465	Ant12	94.59	0.24	0.71
NVNT	be80 242@61 SISO	6465	Ant13	94.59	0.24	0.71
NVNT	be80 242@61 MIMO	6465	Sum	94.59	0.24	0.71
NVNT	be80 484@65 SISO	5985	Ant12	93.24	0.3	0.72
NVNT	be80 484@65 SISO	5985	Ant13	94.59	0.24	0.71
NVNT	be80 484@65 MIMO	5985	Sum	94.67	0.24	0.7
NVNT	be80 484@65 SISO	6465	Ant12	94.59	0.24	0.71
NVNT	be80 484@65 SISO	6465	Ant13	94.59	0.24	0.71
NVNT	be80 484@65 MIMO	6465	Sum	94.59	0.24	0.71
NVNT	be160 26@0 SISO	6025	Ant12	95.85	0.18	0.2
NVNT	be160 26@0 SISO	6025	Ant13	95.85	0.18	0.2
NVNT	be160 26@0 MIMO	6025	Sum	96.23	0.17	0.2
NVNT	be160 26@0 SISO	6985	Ant12	95.85	0.18	0.2
NVNT	be160 26@0 SISO	6985	Ant13	96.23	0.17	0.2
NVNT	be160 26@0 MIMO	6985	Sum	95.85	0.18	0.2
NVNT	be160 52@74 SISO	6025	Ant12	95.85	0.18	0.2
NVNT	be160 52@74 SISO	6025	Ant13	96.21	0.17	0.2

NVNT	be160 52@74 MIMO	6025	Sum	96.21	0.17	0.2
NVNT	be160 52@74 SISO	6985	Ant12	96.21	0.17	0.2
NVNT	be160 52@74 SISO	6985	Ant13	96.21	0.17	0.2
NVNT	be160 52@74 MIMO	6985	Sum	95.83	0.18	0.2
NVNT	be160 106@106 SISO	6025	Ant12	96.36	0.16	0.21
NVNT	be160 106@106 SISO	6025	Ant13	96.76	0.14	0.21
NVNT	be160 106@106 MIMO	6025	Sum	96.36	0.16	0.21
NVNT	be160 106@106 SISO	6985	Ant12	96.76	0.14	0.21
NVNT	be160 106@106 SISO	6985	Ant13	96.36	0.16	0.21
NVNT	be160 106@106 MIMO	6985	Sum	96.36	0.16	0.21
NVNT	be160 242@122 SISO	6025	Ant12	94.44	0.25	0.37
NVNT	be160 242@122 SISO	6025	Ant13	94.44	0.25	0.37
NVNT	be160 242@122 MIMO	6025	Sum	95.14	0.22	0.36
NVNT	be160 242@122 SISO	6985	Ant12	95.14	0.22	0.36
NVNT	be160 242@122 SISO	6985	Ant13	94.48	0.25	0.36
NVNT	be160 242@122 MIMO	6985	Sum	95.14	0.22	0.36
NVNT	be160 484@130 SISO	6025	Ant12	94.67	0.24	0.7
NVNT	be160 484@130 SISO	6025	Ant13	94.59	0.24	0.71
NVNT	be160 484@130 MIMO	6025	Sum	94.59	0.24	0.71
NVNT	be160 484@130 SISO	6985	Ant12	94.59	0.24	0.71
NVNT	be160 484@130 SISO	6985	Ant13	94.59	0.24	0.71
NVNT	be160 484@130 MIMO	6985	Sum	94.67	0.24	0.7
NVNT	be160 996@134 SISO	6025	Ant12	95.77	0.19	0.74
NVNT	be160 996@134 SISO	6025	Ant13	95.77	0.19	0.74
NVNT	be160 996@134 MIMO	6025	Sum	95.77	0.19	0.74
NVNT	be160 996@134 SISO	6985	Ant12	97.14	0.13	0.74
NVNT	be160 996@134 SISO	6985	Ant13	97.14	0.13	0.74
NVNT	be160 996@134 MIMO	6985	Sum	95.77	0.19	0.74
NVNT	be320 26@0 SISO	6105	Ant12	96.23	0.17	0.2
NVNT	be320 26@0 SISO	6105	Ant13	95.85	0.18	0.2
NVNT	be320 26@0 MIMO	6105	Sum	96.21	0.17	0.2
NVNT	be320 52@74 MIMO	6105	Sum	96.21	0.17	0.2
NVNT	be320 106@106 MIMO	6105	Sum	96.36	0.16	0.21
NVNT	be320 242@122 MIMO	6105	Sum	94.44	0.25	0.37
NVNT	be320 484@130 MIMO	6105	Sum	94.59	0.24	0.71
NVNT	be320 996@134 MIMO	6105	Sum	94.87	0.23	1.35
NVNT	be320 1932@136 MIMO	6105	Sum	94.87	0.23	1.35

A.2.Conducted Output Power and E.I.R.P.

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax20 SISO	5955	Ant12	-6.52	0	-6.52	-5	-11.52	24	Pass
NVNT	ax20 SISO	6175	Ant12	-7.42	0	-7.42	-5	-12.42	24	Pass
NVNT	ax20 SISO	6415	Ant12	-6.82	0	-6.82	-5	-11.82	24	Pass
NVNT	ax20 SISO	6535	Ant12	-5.22	0	-5.22	-5	-10.22	24	Pass
NVNT	ax20 SISO	6695	Ant12	-4.42	0	-4.42	-5	-9.42	24	Pass
NVNT	ax20 SISO	6855	Ant12	-4.39	0	-4.39	-5	-9.39	24	Pass
NVNT	ax20 SISO	5955	Ant13	-5.96	0	-5.96	-5	-10.96	24	Pass
NVNT	ax20 SISO	6175	Ant13	-5.7	0	-5.7	-5	-10.7	24	Pass
NVNT	ax20 SISO	6415	Ant13	-6.16	0	-6.16	-5	-11.16	24	Pass
NVNT	ax20 SISO	6535	Ant13	-6.49	0	-6.49	-5	-11.49	24	Pass
NVNT	ax20 SISO	6695	Ant13	-7.06	0	-7.06	-5	-12.06	24	Pass
NVNT	ax20 SISO	6855	Ant13	-7.65	0	-7.65	-5	-12.65	24	Pass
NVNT	ax20 MIMO	5955	Ant12	-4.05	0	-4.05	-5	-9.05	24	Pass
NVNT	ax20 MIMO	5955	Ant13	-5.82	0	-5.82	-5	-10.82	24	Pass
NVNT	ax20 MIMO	5955	Sum					-6.84	24	Pass
NVNT	ax20 MIMO	6175	Ant12	-5.39	0	-5.39	-5	-10.39	24	Pass
NVNT	ax20 MIMO	6175	Ant13	-5.63	0	-5.63	-5	-10.63	24	Pass
NVNT	ax20 MIMO	6175	Sum					-7.5	24	Pass
NVNT	ax20 MIMO	6415	Ant12	-4.77	0	-4.77	-5	-9.77	24	Pass
NVNT	ax20 MIMO	6415	Ant13	-6.07	0	-6.07	-5	-11.07	24	Pass
NVNT	ax20 MIMO	6415	Sum					-7.36	24	Pass
NVNT	ax20 MIMO	6535	Ant12	-3.05	0	-3.05	-5	-8.05	24	Pass
NVNT	ax20 MIMO	6535	Ant13	-6.39	0	-6.39	-5	-11.39	24	Pass

NVNT	ax20 MIMO	6535	Sum					-6.4	24	Pass
NVNT	ax20 MIMO	6695	Ant12	-1.84	0	-1.84	-5	-6.84	24	Pass
NVNT	ax20 MIMO	6695	Ant13	-6.98	0	-6.98	-5	-11.98	24	Pass
NVNT	ax20 MIMO	6695	Sum					-5.68	24	Pass
NVNT	ax20 MIMO	6855	Ant12	-2.53	0	-2.53	-5	-7.53	24	Pass
NVNT	ax20 MIMO	6855	Ant13	-7.6	0	-7.6	-5	-12.6	24	Pass
NVNT	ax20 MIMO	6855	Sum					-6.35	24	Pass
NVNT	ax20 SISO	6435	Ant12	3.35	0	3.35	-5	-1.65	24	Pass
NVNT	ax20 SISO	6475	Ant12	3.99	0	3.99	-5	-1.01	24	Pass
NVNT	ax20 SISO	6515	Ant12	4.27	0	4.27	-5	-0.73	24	Pass
NVNT	ax20 SISO	6875	Ant12	3.14	0	3.14	-5	-1.86	24	Pass
NVNT	ax20 SISO	6995	Ant12	2.67	0	2.67	-5	-2.33	24	Pass
NVNT	ax20 SISO	7115	Ant12	-13.37	0	-13.37	-5	-18.37	24	Pass
NVNT	ax20 SISO	6435	Ant13	4.03	0	4.03	-5	-0.97	24	Pass
NVNT	ax20 SISO	6475	Ant13	3.84	0	3.84	-5	-1.16	24	Pass
NVNT	ax20 SISO	6515	Ant13	3.75	0	3.75	-5	-1.25	24	Pass
NVNT	ax20 SISO	6875	Ant13	4.24	0	4.24	-5	-0.76	24	Pass
NVNT	ax20 SISO	6995	Ant13	2.4	0	2.4	-5	-2.6	24	Pass
NVNT	ax20 SISO	7115	Ant13	-10.25	0	-10.25	-5	-15.25	24	Pass
NVNT	ax20 MIMO	6435	Ant12	3.38	0	3.38	-5	-1.62	24	Pass
NVNT	ax20 MIMO	6435	Ant13	3.81	0	3.81	-5	-1.19	24	Pass
NVNT	ax20 MIMO	6435	Sum					1.61	24	Pass
NVNT	ax20 MIMO	6475	Ant12	3.67	0	3.67	-5	-1.33	24	Pass
NVNT	ax20 MIMO	6475	Ant13	3.68	0	3.68	-5	-1.32	24	Pass
NVNT	ax20 MIMO	6475	Sum					1.69	24	Pass
NVNT	ax20	6515	Ant12	4.13	0	4.13	-5	-0.87	24	Pass

	MIMO									
NVNT	ax20 MIMO	6515	Ant13	3.63	0	3.63	-5	-1.37	24	Pass
NVNT	ax20 MIMO	6515	Sum					1.9	24	Pass
NVNT	ax20 MIMO	6875	Ant12	3.1	0	3.1	-5	-1.9	24	Pass
NVNT	ax20 MIMO	6875	Ant13	2.53	0	2.53	-5	-2.47	24	Pass
NVNT	ax20 MIMO	6875	Sum					0.83	24	Pass
NVNT	ax20 MIMO	6995	Ant12	2.78	0	2.78	-5	-2.22	24	Pass
NVNT	ax20 MIMO	6995	Ant13	2.16	0	2.16	-5	-2.84	24	Pass
NVNT	ax20 MIMO	6995	Sum					0.49	24	Pass
NVNT	ax20 MIMO	7115	Ant12	-13.38	0	-13.38	-5	-18.38	24	Pass
NVNT	ax20 MIMO	7115	Ant13	-10.12	0	-10.12	-5	-15.12	24	Pass
NVNT	ax20 MIMO	7115	Sum					-13.44	24	Pass
NVNT	ax40 SISO	5965	Ant12	-3.46	0	-3.46	-5	-8.46	24	Pass
NVNT	ax40 SISO	6205	Ant12	-4.11	0	-4.11	-5	-9.11	24	Pass
NVNT	ax40 SISO	6405	Ant12	-3.58	0	-3.58	-5	-8.58	24	Pass
NVNT	ax40 SISO	6565	Ant12	-2.74	0	-2.74	-5	-7.74	24	Pass
NVNT	ax40 SISO	6685	Ant12	-1.74	0	-1.74	-5	-6.74	24	Pass
NVNT	ax40 SISO	6845	Ant12	-0.8	0	-0.8	-5	-5.8	24	Pass
NVNT	ax40 SISO	5965	Ant13	-2.73	0	-2.73	-5	-7.73	24	Pass
NVNT	ax40 SISO	6205	Ant13	-2.73	0	-2.73	-5	-7.73	24	Pass
NVNT	ax40 SISO	6405	Ant13	-2.83	0	-2.83	-5	-7.83	24	Pass
NVNT	ax40 SISO	6565	Ant13	-3.52	0	-3.52	-5	-8.52	24	Pass
NVNT	ax40 SISO	6685	Ant13	-4.23	0	-4.23	-5	-9.23	24	Pass
NVNT	ax40 SISO	6845	Ant13	-4.25	0	-4.25	-5	-9.25	24	Pass
NVNT	ax40 MIMO	5965	Ant12	-1.29	0	-1.29	-5	-6.29	24	Pass
NVNT	ax40 MIMO	5965	Ant13	-2.66	0	-2.66	-5	-7.66	24	Pass

NVNT	ax40 MIMO	5965	Sum					-3.91	24	Pass
NVNT	ax40 MIMO	6205	Ant12	-2.11	0	-2.11	-5	-7.11	24	Pass
NVNT	ax40 MIMO	6205	Ant13	-2.64	0	-2.64	-5	-7.64	24	Pass
NVNT	ax40 MIMO	6205	Sum					-4.36	24	Pass
NVNT	ax40 MIMO	6405	Ant12	-1.66	0	-1.66	-5	-6.66	24	Pass
NVNT	ax40 MIMO	6405	Ant13	-2.69	0	-2.69	-5	-7.69	24	Pass
NVNT	ax40 MIMO	6405	Sum					-4.13	24	Pass
NVNT	ax40 MIMO	6565	Ant12	-0.32	0	-0.32	-5	-5.32	24	Pass
NVNT	ax40 MIMO	6565	Ant13	-3.32	0	-3.32	-5	-8.32	24	Pass
NVNT	ax40 MIMO	6565	Sum					-3.56	24	Pass
NVNT	ax40 MIMO	6685	Ant12	-0.13	0	-0.13	-5	-5.13	24	Pass
NVNT	ax40 MIMO	6685	Ant13	-4.19	0	-4.19	-5	-9.19	24	Pass
NVNT	ax40 MIMO	6685	Sum					-3.69	24	Pass
NVNT	ax40 MIMO	6845	Ant12	0.52	0	0.52	-5	-4.48	24	Pass
NVNT	ax40 MIMO	6845	Ant13	-4.2	0	-4.2	-5	-9.2	24	Pass
NVNT	ax40 MIMO	6845	Sum					-3.22	24	Pass
NVNT	ax40 SISO	6445	Ant12	7.07	0	7.07	-5	2.07	24	Pass
NVNT	ax40 SISO	6485	Ant12	7.25	0	7.25	-5	2.25	24	Pass
NVNT	ax40 SISO	6885	Ant12	6.39	0	6.39	-5	1.39	24	Pass
NVNT	ax40 SISO	6965	Ant12	5.52	0	5.52	-5	0.52	24	Pass
NVNT	ax40 SISO	7085	Ant12	6.67	0	6.67	-5	1.67	24	Pass
NVNT	ax40 SISO	6445	Ant13	7.19	0	7.19	-5	2.19	24	Pass
NVNT	ax40 SISO	6485	Ant13	7.51	0	7.51	-5	2.51	24	Pass

NVNT	ax40 SISO	6885	Ant13	5.79	0	5.79	-5	0.79	24	Pass
NVNT	ax40 SISO	6965	Ant13	5.83	0	5.83	-5	0.83	24	Pass
NVNT	ax40 SISO	7085	Ant13	4.87	0	4.87	-5	-0.13	24	Pass
NVNT	ax40 MIMO	6445	Ant12	7.02	0	7.02	-5	2.02	24	Pass
NVNT	ax40 MIMO	6445	Ant13	7.2	0	7.2	-5	2.2	24	Pass
NVNT	ax40 MIMO	6445	Sum					5.12	24	Pass
NVNT	ax40 MIMO	6485	Ant12	7.22	0	7.22	-5	2.22	24	Pass
NVNT	ax40 MIMO	6485	Ant13	7.2	0	7.2	-5	2.2	24	Pass
NVNT	ax40 MIMO	6485	Sum					5.22	24	Pass
NVNT	ax40 MIMO	6885	Ant12	6.42	0	6.42	-5	1.42	24	Pass
NVNT	ax40 MIMO	6885	Ant13	5.75	0	5.75	-5	0.75	24	Pass
NVNT	ax40 MIMO	6885	Sum					4.11	24	Pass
NVNT	ax40 MIMO	6965	Ant12	5.59	0	5.59	-5	0.59	24	Pass
NVNT	ax40 MIMO	6965	Ant13	5.79	0	5.79	-5	0.79	24	Pass
NVNT	ax40 MIMO	6965	Sum					3.7	24	Pass
NVNT	ax40 MIMO	7085	Ant12	6.67	0	6.67	-5	1.67	24	Pass
NVNT	ax40 MIMO	7085	Ant13	4.88	0	4.88	-5	-0.12	24	Pass
NVNT	ax40 MIMO	7085	Sum					3.88	24	Pass
NVNT	ax80 SISO	5985	Ant12	-1.79	0	-1.79	-5	-6.79	24	Pass
NVNT	ax80 SISO	6225	Ant12	-2.53	0	-2.53	-5	-7.53	24	Pass
NVNT	ax80 SISO	6385	Ant12	-2.25	0	-2.25	-5	-7.25	24	Pass
NVNT	ax80 SISO	6625	Ant12	-0.02	0	-0.02	-5	-5.02	24	Pass
NVNT	ax80 SISO	6705	Ant12	-0.96	0	-0.96	-5	-5.96	24	Pass
NVNT	ax80 SISO	6785	Ant12	-0.55	0	-0.55	-5	-5.55	24	Pass

NVNT	ax80 SISO	5985	Ant13	-0.96	0	-0.96	-5	-5.96	24	Pass
NVNT	ax80 SISO	6225	Ant13	-0.67	0	-0.67	-5	-5.67	24	Pass
NVNT	ax80 SISO	6385	Ant13	-1.13	0	-1.13	-5	-6.13	24	Pass
NVNT	ax80 SISO	6625	Ant13	-2.21	0	-2.21	-5	-7.21	24	Pass
NVNT	ax80 SISO	6705	Ant13	-2.55	0	-2.55	-5	-7.55	24	Pass
NVNT	ax80 SISO	6785	Ant13	-2.55	0	-2.55	-5	-7.55	24	Pass
NVNT	ax80 MIMO	5985	Ant12	0.49	0	0.49	-5	-4.51	24	Pass
NVNT	ax80 MIMO	5985	Ant13	-0.76	0	-0.76	-5	-5.76	24	Pass
NVNT	ax80 MIMO	5985	Sum					-2.08	24	Pass
NVNT	ax80 MIMO	6225	Ant12	-0.44	0	-0.44	-5	-5.44	24	Pass
NVNT	ax80 MIMO	6225	Ant13	-0.56	0	-0.56	-5	-5.56	24	Pass
NVNT	ax80 MIMO	6225	Sum					-2.49	24	Pass
NVNT	ax80 MIMO	6385	Ant12	0.1	0	0.1	-5	-4.9	24	Pass
NVNT	ax80 MIMO	6385	Ant13	-0.95	0	-0.95	-5	-5.95	24	Pass
NVNT	ax80 MIMO	6385	Sum					-2.38	24	Pass
NVNT	ax80 MIMO	6625	Ant12	2.21	0	2.21	-5	-2.79	24	Pass
NVNT	ax80 MIMO	6625	Ant13	-1.89	0	-1.89	-5	-6.89	24	Pass
NVNT	ax80 MIMO	6625	Sum					-1.36	24	Pass
NVNT	ax80 MIMO	6705	Ant12	1.39	0	1.39	-5	-3.61	24	Pass
NVNT	ax80 MIMO	6705	Ant13	-2.07	0	-2.07	-5	-7.07	24	Pass
NVNT	ax80 MIMO	6705	Sum					-1.99	24	Pass
NVNT	ax80 MIMO	6785	Ant12	1.6	0	1.6	-5	-3.4	24	Pass
NVNT	ax80	6785	Ant13	-2.36	0	-2.36	-5	-7.36	24	Pass

	MIMO									
NVNT	ax80 MIMO	6785	Sum					-1.93	24	Pass
NVNT	ax80 SISO	6465	Ant12	9.12	0	9.12	-5	4.12	24	Pass
NVNT	ax80 SISO	6945	Ant12	8.19	0	8.19	-5	3.19	24	Pass
NVNT	ax80 SISO	7025	Ant12	8.59	0	8.59	-5	3.59	24	Pass
NVNT	ax80 SISO	6465	Ant13	9.12	0	9.12	-5	4.12	24	Pass
NVNT	ax80 SISO	6945	Ant13	7.91	0	7.91	-5	2.91	24	Pass
NVNT	ax80 SISO	7025	Ant13	7.55	0	7.55	-5	2.55	24	Pass
NVNT	ax80 MIMO	6465	Ant12	9.12	0	9.12	-5	4.12	24	Pass
NVNT	ax80 MIMO	6465	Ant13	9.06	0	9.06	-5	4.06	24	Pass
NVNT	ax80 MIMO	6465	Sum					7.1	24	Pass
NVNT	ax80 MIMO	6945	Ant12	8.28	0	8.28	-5	3.28	24	Pass
NVNT	ax80 MIMO	6945	Ant13	7.84	0	7.84	-5	2.84	24	Pass
NVNT	ax80 MIMO	6945	Sum					6.08	24	Pass
NVNT	ax80 MIMO	7025	Ant12	8.6	0	8.6	-5	3.6	24	Pass
NVNT	ax80 MIMO	7025	Ant13	7.55	0	7.55	-5	2.55	24	Pass
NVNT	ax80 MIMO	7025	Sum					6.12	24	Pass
NVNT	ax160 SISO	6025	Ant12	-1.86	0	-1.86	-5	-6.86	24	Pass
NVNT	ax160 SISO	6185	Ant12	-2.29	0	-2.29	-5	-7.29	24	Pass
NVNT	ax160 SISO	6345	Ant12	-1.81	0	-1.81	-5	-6.81	24	Pass
NVNT	ax160 SISO	6665	Ant12	-0.06	0	-0.06	-5	-5.06	24	Pass
NVNT	ax160 SISO	6025	Ant13	-0.5	0	-0.5	-5	-5.5	24	Pass
NVNT	ax160 SISO	6185	Ant13	-0.5	0	-0.5	-5	-5.5	24	Pass

NVNT	ax160 SISO	6345	Ant13	-1	0	-1	-5	-6	24	Pass
NVNT	ax160 SISO	6665	Ant13	-1.96	0	-1.96	-5	-6.96	24	Pass
NVNT	ax160 MIMO	6025	Ant12	0.37	0	0.37	-5	-4.63	24	Pass
NVNT	ax160 MIMO	6025	Ant13	-0.34	0	-0.34	-5	-5.34	24	Pass
NVNT	ax160 MIMO	6025	Sum					-1.96	24	Pass
NVNT	ax160 MIMO	6185	Ant12	-0.24	0	-0.24	-5	-5.24	24	Pass
NVNT	ax160 MIMO	6185	Ant13	-0.35	0	-0.35	-5	-5.35	24	Pass
NVNT	ax160 MIMO	6185	Sum					-2.28	24	Pass
NVNT	ax160 MIMO	6345	Ant12	0.34	0	0.34	-5	-4.66	24	Pass
NVNT	ax160 MIMO	6345	Ant13	-0.78	0	-0.78	-5	-5.78	24	Pass
NVNT	ax160 MIMO	6345	Sum					-2.17	24	Pass
NVNT	ax160 MIMO	6665	Ant12	2.22	0	2.22	-5	-2.78	24	Pass
NVNT	ax160 MIMO	6665	Ant13	-2.09	0	-2.09	-5	-7.09	24	Pass
NVNT	ax160 MIMO	6665	Sum					-1.41	24	Pass
NVNT	ax160 SISO	6985	Ant12	6.13	0	6.13	-5	1.13	24	Pass
NVNT	ax160 SISO	6985	Ant13	6.03	0	6.03	-5	1.03	24	Pass
NVNT	ax160 MIMO	6985	Ant12	6.2	0	6.2	-5	1.2	24	Pass
NVNT	ax160 MIMO	6985	Ant13	6.04	0	6.04	-5	1.04	24	Pass
NVNT	ax160 MIMO	6985	Sum					4.13	24	Pass
NVNT	be20 SISO	5955	Ant12	-6.61	0	-6.61	-5	-11.61	24	Pass

NVNT	be20 SISO	6175	Ant12	-7.65	0	-7.65	-5	-12.65	24	Pass
NVNT	be20 SISO	6415	Ant12	-6.82	0	-6.82	-5	-11.82	24	Pass
NVNT	be20 SISO	6535	Ant12	-5.41	0	-5.41	-5	-10.41	24	Pass
NVNT	be20 SISO	6695	Ant12	-4.42	0	-4.42	-5	-9.42	24	Pass
NVNT	be20 SISO	6855	Ant12	-4.56	0	-4.56	-5	-9.56	24	Pass
NVNT	be20 SISO	5955	Ant13	-5.97	0	-5.97	-5	-10.97	24	Pass
NVNT	be20 SISO	6175	Ant13	-5.72	0	-5.72	-5	-10.72	24	Pass
NVNT	be20 SISO	6415	Ant13	-6.17	0	-6.17	-5	-11.17	24	Pass
NVNT	be20 SISO	6535	Ant13	-6.46	0	-6.46	-5	-11.46	24	Pass
NVNT	be20 SISO	6695	Ant13	-7.05	0	-7.05	-5	-12.05	24	Pass
NVNT	be20 SISO	6855	Ant13	-7.66	0	-7.66	-5	-12.66	24	Pass
NVNT	be20 MIMO	5955	Ant12	-4.07	0	-4.07	-5	-9.07	24	Pass
NVNT	be20 MIMO	5955	Ant13	-5.82	0	-5.82	-5	-10.82	24	Pass
NVNT	be20 MIMO	5955	Sum					-6.85	24	Pass
NVNT	be20 MIMO	6175	Ant12	-5.35	0	-5.35	-5	-10.35	24	Pass
NVNT	be20 MIMO	6175	Ant13	-5.62	0	-5.62	-5	-10.62	24	Pass
NVNT	be20 MIMO	6175	Sum					-7.47	24	Pass
NVNT	be20 MIMO	6415	Ant12	-4.67	0	-4.67	-5	-9.67	24	Pass
NVNT	be20 MIMO	6415	Ant13	-6.07	0	-6.07	-5	-11.07	24	Pass
NVNT	be20 MIMO	6415	Sum					-7.3	24	Pass
NVNT	be20 MIMO	6535	Ant12	-3.06	0	-3.06	-5	-8.06	24	Pass
NVNT	be20 MIMO	6535	Ant13	-6.4	0	-6.4	-5	-11.4	24	Pass
NVNT	be20 MIMO	6535	Sum					-6.41	24	Pass
NVNT	be20 MIMO	6695	Ant12	-1.84	0	-1.84	-5	-6.84	24	Pass
NVNT	be20 MIMO	6695	Ant13	-7.01	0	-7.01	-5	-12.01	24	Pass

NVNT	be20 MIMO	6695	Sum					-5.69	24	Pass
NVNT	be20 MIMO	6855	Ant12	-2.52	0	-2.52	-5	-7.52	24	Pass
NVNT	be20 MIMO	6855	Ant13	-7.57	0	-7.57	-5	-12.57	24	Pass
NVNT	be20 MIMO	6855	Sum					-6.34	24	Pass
NVNT	be20 SISO	6435	Ant12	3.37	0	3.37	-5	-1.63	24	Pass
NVNT	be20 SISO	6475	Ant12	3.74	0	3.74	-5	-1.26	24	Pass
NVNT	be20 SISO	6515	Ant12	4.26	0	4.26	-5	-0.74	24	Pass
NVNT	be20 SISO	6875	Ant12	3.09	0	3.09	-5	-1.91	24	Pass
NVNT	be20 SISO	6995	Ant12	2.64	0	2.64	-5	-2.36	24	Pass
NVNT	be20 SISO	7115	Ant12	-13.36	0	-13.36	-5	-18.36	24	Pass
NVNT	be20 SISO	6435	Ant13	3.94	0	3.94	-5	-1.06	24	Pass
NVNT	be20 SISO	6475	Ant13	3.83	0	3.83	-5	-1.17	24	Pass
NVNT	be20 SISO	6515	Ant13	3.74	0	3.74	-5	-1.26	24	Pass
NVNT	be20 SISO	6875	Ant13	2.56	0	2.56	-5	-2.44	24	Pass
NVNT	be20 SISO	6995	Ant13	2.34	0	2.34	-5	-2.66	24	Pass
NVNT	be20 SISO	7115	Ant13	-10.44	0	-10.44	-5	-15.44	24	Pass
NVNT	be20 MIMO	6435	Ant12	3.26	0	3.26	-5	-1.74	24	Pass
NVNT	be20 MIMO	6435	Ant13	3.92	0	3.92	-5	-1.08	24	Pass
NVNT	be20 MIMO	6435	Sum					1.61	24	Pass
NVNT	be20 MIMO	6475	Ant12	3.72	0	3.72	-5	-1.28	24	Pass
NVNT	be20 MIMO	6475	Ant13	3.67	0	3.67	-5	-1.33	24	Pass
NVNT	be20 MIMO	6475	Sum					1.71	24	Pass
NVNT	be20 MIMO	6515	Ant12	4.18	0	4.18	-5	-0.82	24	Pass
NVNT	be20 MIMO	6515	Ant13	3.66	0	3.66	-5	-1.34	24	Pass
NVNT	be20 MIMO	6515	Sum					1.94	24	Pass
NVNT	be20	6875	Ant12	3.06	0	3.06	-5	-1.94	24	Pass

	MIMO									
NVNT	be20 MIMO	6875	Ant13	2.27	0	2.27	-5	-2.73	24	Pass
NVNT	be20 MIMO	6875	Sum					0.69	24	Pass
NVNT	be20 MIMO	6995	Ant12	2.77	0	2.77	-5	-2.23	24	Pass
NVNT	be20 MIMO	6995	Ant13	2.2	0	2.2	-5	-2.8	24	Pass
NVNT	be20 MIMO	6995	Sum					0.5	24	Pass
NVNT	be20 MIMO	7115	Ant12	-13.39	0	-13.39	-5	-18.39	24	Pass
NVNT	be20 MIMO	7115	Ant13	-9.64	0	-9.64	-5	-14.64	24	Pass
NVNT	be20 MIMO	7115	Sum					-13.11	24	Pass
NVNT	be40 SISO	5965	Ant12	-3.44	0	-3.44	-5	-8.44	24	Pass
NVNT	be40 SISO	6205	Ant12	-4.13	0	-4.13	-5	-9.13	24	Pass
NVNT	be40 SISO	6405	Ant12	-3.54	0	-3.54	-5	-8.54	24	Pass
NVNT	be40 SISO	6565	Ant12	-2.67	0	-2.67	-5	-7.67	24	Pass
NVNT	be40 SISO	6685	Ant12	-1.8	0	-1.8	-5	-6.8	24	Pass
NVNT	be40 SISO	6845	Ant12	-0.65	0	-0.65	-5	-5.65	24	Pass
NVNT	be40 SISO	5965	Ant13	-2.67	0	-2.67	-5	-7.67	24	Pass
NVNT	be40 SISO	6205	Ant13	-2.79	0	-2.79	-5	-7.79	24	Pass
NVNT	be40 SISO	6405	Ant13	-2.82	0	-2.82	-5	-7.82	24	Pass
NVNT	be40 SISO	6565	Ant13	-3.54	0	-3.54	-5	-8.54	24	Pass
NVNT	be40 SISO	6685	Ant13	-4.27	0	-4.27	-5	-9.27	24	Pass
NVNT	be40 SISO	6845	Ant13	-4.26	0	-4.26	-5	-9.26	24	Pass
NVNT	be40 MIMO	5965	Ant12	-1.39	0	-1.39	-5	-6.39	24	Pass
NVNT	be40 MIMO	5965	Ant13	-2.62	0	-2.62	-5	-7.62	24	Pass
NVNT	be40 MIMO	5965	Sum					-3.95	24	Pass
NVNT	be40 MIMO	6205	Ant12	-2.16	0	-2.16	-5	-7.16	24	Pass
NVNT	be40 MIMO	6205	Ant13	-2.71	0	-2.71	-5	-7.71	24	Pass

NVNT	be40 MIMO	6205	Sum					-4.42	24	Pass
NVNT	be40 MIMO	6405	Ant12	-1.69	0	-1.69	-5	-6.69	24	Pass
NVNT	be40 MIMO	6405	Ant13	-2.74	0	-2.74	-5	-7.74	24	Pass
NVNT	be40 MIMO	6405	Sum					-4.17	24	Pass
NVNT	be40 MIMO	6565	Ant12	-0.33	0	-0.33	-5	-5.33	24	Pass
NVNT	be40 MIMO	6565	Ant13	-3.26	0	-3.26	-5	-8.26	24	Pass
NVNT	be40 MIMO	6565	Sum					-3.54	24	Pass
NVNT	be40 MIMO	6685	Ant12	-0.04	0	-0.04	-5	-5.04	24	Pass
NVNT	be40 MIMO	6685	Ant13	-4.23	0	-4.23	-5	-9.23	24	Pass
NVNT	be40 MIMO	6685	Sum					-3.64	24	Pass
NVNT	be40 MIMO	6845	Ant12	0.6	0	0.6	-5	-4.4	24	Pass
NVNT	be40 MIMO	6845	Ant13	-4.21	0	-4.21	-5	-9.21	24	Pass
NVNT	be40 MIMO	6845	Sum					-3.16	24	Pass
NVNT	be40 SISO	6445	Ant12	6.91	0	6.91	-5	1.91	24	Pass
NVNT	be40 SISO	6485	Ant12	7.1	0	7.1	-5	2.1	24	Pass
NVNT	be40 SISO	6885	Ant12	6.13	0	6.13	-5	1.13	24	Pass
NVNT	be40 SISO	6965	Ant12	5.21	0	5.21	-5	0.21	24	Pass
NVNT	be40 SISO	7085	Ant12	6.44	0	6.44	-5	1.44	24	Pass
NVNT	be40 SISO	6445	Ant13	6.92	0	6.92	-5	1.92	24	Pass
NVNT	be40 SISO	6485	Ant13	7.05	0	7.05	-5	2.05	24	Pass
NVNT	be40 SISO	6885	Ant13	5.5	0	5.5	-5	0.5	24	Pass
NVNT	be40 SISO	6965	Ant13	5.66	0	5.66	-5	0.66	24	Pass
NVNT	be40 SISO	7085	Ant13	4.6	0	4.6	-5	-0.4	24	Pass
NVNT	be40 MIMO	6445	Ant12	6.93	0	6.93	-5	1.93	24	Pass
NVNT	be40	6445	Ant13	7.03	0	7.03	-5	2.03	24	Pass

	MIMO									
NVNT	be40 MIMO	6445	Sum					4.99	24	Pass
NVNT	be40 MIMO	6485	Ant12	7.14	0	7.14	-5	2.14	24	Pass
NVNT	be40 MIMO	6485	Ant13	7.11	0	7.11	-5	2.11	24	Pass
NVNT	be40 MIMO	6485	Sum					5.14	24	Pass
NVNT	be40 MIMO	6885	Ant12	6.29	0	6.29	-5	1.29	24	Pass
NVNT	be40 MIMO	6885	Ant13	5.49	0	5.49	-5	0.49	24	Pass
NVNT	be40 MIMO	6885	Sum					3.92	24	Pass
NVNT	be40 MIMO	6965	Ant12	5.38	0	5.38	-5	0.38	24	Pass
NVNT	be40 MIMO	6965	Ant13	5.66	0	5.66	-5	0.66	24	Pass
NVNT	be40 MIMO	6965	Sum					3.53	24	Pass
NVNT	be40 MIMO	7085	Ant12	6.47	0	6.47	-5	1.47	24	Pass
NVNT	be40 MIMO	7085	Ant13	4.63	0	4.63	-5	-0.37	24	Pass
NVNT	be40 MIMO	7085	Sum					3.66	24	Pass
NVNT	be80 SISO	5985	Ant12	-1.85	0	-1.85	-5	-6.85	24	Pass
NVNT	be80 SISO	6225	Ant12	-2.64	0	-2.64	-5	-7.64	24	Pass
NVNT	be80 SISO	6385	Ant12	-2.19	0	-2.19	-5	-7.19	24	Pass
NVNT	be80 SISO	6625	Ant12	-0.08	0	-0.08	-5	-5.08	24	Pass
NVNT	be80 SISO	6705	Ant12	-1	0	-1	-5	-6	24	Pass
NVNT	be80 SISO	6785	Ant12	-0.66	0	-0.66	-5	-5.66	24	Pass
NVNT	be80 SISO	5985	Ant13	-0.98	0	-0.98	-5	-5.98	24	Pass
NVNT	be80 SISO	6225	Ant13	-0.59	0	-0.59	-5	-5.59	24	Pass
NVNT	be80 SISO	6385	Ant13	-1.02	0	-1.02	-5	-6.02	24	Pass
NVNT	be80 SISO	6625	Ant13	-2.06	0	-2.06	-5	-7.06	24	Pass
NVNT	be80 SISO	6705	Ant13	-2.62	0	-2.62	-5	-7.62	24	Pass
NVNT	be80 SISO	6785	Ant13	-2.47	0	-2.47	-5	-7.47	24	Pass

NVNT	be80 MIMO	5985	Ant12	0.55	0	0.55	-5	-4.45	24	Pass
NVNT	be80 MIMO	5985	Ant13	-0.79	0	-0.79	-5	-5.79	24	Pass
NVNT	be80 MIMO	5985	Sum					-2.06	24	Pass
NVNT	be80 MIMO	6225	Ant12	-0.47	0	-0.47	-5	-5.47	24	Pass
NVNT	be80 MIMO	6225	Ant13	-0.51	0	-0.51	-5	-5.51	24	Pass
NVNT	be80 MIMO	6225	Sum					-2.48	24	Pass
NVNT	be80 MIMO	6385	Ant12	0.17	0	0.17	-5	-4.83	24	Pass
NVNT	be80 MIMO	6385	Ant13	-0.95	0	-0.95	-5	-5.95	24	Pass
NVNT	be80 MIMO	6385	Sum					-2.34	24	Pass
NVNT	be80 MIMO	6625	Ant12	2.23	0	2.23	-5	-2.77	24	Pass
NVNT	be80 MIMO	6625	Ant13	-2.02	0	-2.02	-5	-7.02	24	Pass
NVNT	be80 MIMO	6625	Sum					-1.38	24	Pass
NVNT	be80 MIMO	6705	Ant12	1.51	0	1.51	-5	-3.49	24	Pass
NVNT	be80 MIMO	6705	Ant13	-2.17	0	-2.17	-5	-7.17	24	Pass
NVNT	be80 MIMO	6705	Sum					-1.94	24	Pass
NVNT	be80 MIMO	6785	Ant12	1.7	0	1.7	-5	-3.3	24	Pass
NVNT	be80 MIMO	6785	Ant13	-2.41	0	-2.41	-5	-7.41	24	Pass
NVNT	be80 MIMO	6785	Sum					-1.88	24	Pass
NVNT	be80 SISO	6465	Ant12	9.21	0	9.21	-5	4.21	24	Pass
NVNT	be80 SISO	6945	Ant12	8.26	0	8.26	-5	3.26	24	Pass
NVNT	be80 SISO	7025	Ant12	8.57	0	8.57	-5	3.57	24	Pass

NVNT	be80 SISO	6465	Ant13	9.08	0	9.08	-5	4.08	24	Pass
NVNT	be80 SISO	6945	Ant13	7.95	0	7.95	-5	2.95	24	Pass
NVNT	be80 SISO	7025	Ant13	7.61	0	7.61	-5	2.61	24	Pass
NVNT	be80 MIMO	6465	Ant12	9.19	0	9.19	-5	4.19	24	Pass
NVNT	be80 MIMO	6465	Ant13	9.15	0	9.15	-5	4.15	24	Pass
NVNT	be80 MIMO	6465	Sum					7.18	24	Pass
NVNT	be80 MIMO	6945	Ant12	8.33	0	8.33	-5	3.33	24	Pass
NVNT	be80 MIMO	6945	Ant13	7.93	0	7.93	-5	2.93	24	Pass
NVNT	be80 MIMO	6945	Sum					6.14	24	Pass
NVNT	be80 MIMO	7025	Ant12	8.64	0	8.64	-5	3.64	24	Pass
NVNT	be80 MIMO	7025	Ant13	7.55	0	7.55	-5	2.55	24	Pass
NVNT	be80 MIMO	7025	Sum					6.14	24	Pass
NVNT	be160 SISO	6025	Ant12	-1.77	0	-1.77	-5	-6.77	24	Pass
NVNT	be160 SISO	6185	Ant12	-2.34	0	-2.34	-5	-7.34	24	Pass
NVNT	be160 SISO	6345	Ant12	-1.83	0	-1.83	-5	-6.83	24	Pass
NVNT	be160 SISO	6665	Ant12	-0.01	0	-0.01	-5	-5.01	24	Pass
NVNT	be160 SISO	6025	Ant13	-0.52	0	-0.52	-5	-5.52	24	Pass
NVNT	be160 SISO	6185	Ant13	-0.54	0	-0.54	-5	-5.54	24	Pass
NVNT	be160 SISO	6345	Ant13	-1	0	-1	-5	-6	24	Pass
NVNT	be160 SISO	6665	Ant13	-2.03	0	-2.03	-5	-7.03	24	Pass
NVNT	be160 MIMO	6025	Ant12	0.46	0	0.46	-5	-4.54	24	Pass

NVNT	be160 MIMO	6025	Ant13	-0.36	0	-0.36	-5	-5.36	24	Pass
NVNT	be160 MIMO	6025	Sum					-1.92	24	Pass
NVNT	be160 MIMO	6185	Ant12	-0.1	0	-0.1	-5	-5.1	24	Pass
NVNT	be160 MIMO	6185	Ant13	-0.34	0	-0.34	-5	-5.34	24	Pass
NVNT	be160 MIMO	6185	Sum					-2.21	24	Pass
NVNT	be160 MIMO	6345	Ant12	0.41	0	0.41	-5	-4.59	24	Pass
NVNT	be160 MIMO	6345	Ant13	-0.83	0	-0.83	-5	-5.83	24	Pass
NVNT	be160 MIMO	6345	Sum					-2.16	24	Pass
NVNT	be160 MIMO	6665	Ant12	2.19	0	2.19	-5	-2.81	24	Pass
NVNT	be160 MIMO	6665	Ant13	-2.13	0	-2.13	-5	-7.13	24	Pass
NVNT	be160 MIMO	6665	Sum					-1.44	24	Pass
NVNT	be160 SISO	6985	Ant12	5.32	0	5.32	-5	0.32	24	Pass
NVNT	be160 SISO	6985	Ant13	5.31	0	5.31	-5	0.31	24	Pass
NVNT	be160 MIMO	6985	Ant12	5.45	0	5.45	-5	0.45	24	Pass
NVNT	be160 MIMO	6985	Ant13	5.3	0	5.3	-5	0.3	24	Pass
NVNT	be160 MIMO	6985	Sum					3.39	24	Pass
NVNT	be320 SISO	6105	Ant12	-1.68	0	-1.68	-5	-6.68	24	Pass
NVNT	be320 SISO	6745	Ant12	1	0	1	-5	-4	24	Pass
NVNT	be320 SISO	6105	Ant13	-0.27	0	-0.27	-5	-5.27	24	Pass
NVNT	be320	6745	Ant13	-0.43	0	-0.43	-5	-5.43	24	Pass

	SISO									
NVNT	be320 MIMO	6105	Ant12	1.26	0	1.26	-5	-3.74	24	Pass
NVNT	be320 MIMO	6105	Ant13	0.19	0	0.19	-5	-4.81	24	Pass
NVNT	be320 MIMO	6105	Sum					-1.23	24	Pass
NVNT	be320 MIMO	6745	Ant12	2.97	0	2.97	-5	-2.03	24	Pass
NVNT	be320 MIMO	6745	Ant13	0.04	0	0.04	-5	-4.96	24	Pass
NVNT	be320 MIMO	6745	Sum					-0.24	24	Pass
NVNT	be320 SISO	6425	Ant12	7.37	0	7.37	-5	2.37	24	Pass
NVNT	be320 SISO	6905	Ant12	7.04	0	7.04	-5	2.04	24	Pass
NVNT	be320 SISO	6425	Ant13	7.7	0	7.7	-5	2.7	24	Pass
NVNT	be320 SISO	6905	Ant13	6.47	0	6.47	-5	1.47	24	Pass
NVNT	be320 MIMO	6425	Ant12	7.42	0	7.42	-5	2.42	24	Pass
NVNT	be320 MIMO	6425	Ant13	7.74	0	7.74	-5	2.74	24	Pass
NVNT	be320 MIMO	6425	Sum					5.59	24	Pass
NVNT	be320 MIMO	6905	Ant12	7.16	0	7.16	-5	2.16	24	Pass
NVNT	be320 MIMO	6905	Ant13	6.53	0	6.53	-5	1.53	24	Pass
NVNT	be320 MIMO	6905	Sum					4.87	24	Pass
NVNT	ax20 26@0 SISO	5955	Ant12	-15.14	0	-15.14	-5	-20.14	24	Pass
NVNT	ax20 26@0 SISO	6175	Ant12	-16.47	0	-16.47	-5	-21.47	24	Pass

NVNT	ax20 26@0 SISO	6415	Ant12	-15.7	0	-15.7	-5	-20.7	24	Pass
NVNT	ax20 26@0 SISO	6535	Ant12	-14.17	0	-14.17	-5	-19.17	24	Pass
NVNT	ax20 26@0 SISO	6695	Ant12	-13.08	0	-13.08	-5	-18.08	24	Pass
NVNT	ax20 26@0 SISO	6855	Ant12	-13.57	0	-13.57	-5	-18.57	24	Pass
NVNT	ax20 26@0 SISO	5955	Ant13	-17.03	0	-17.03	-5	-22.03	24	Pass
NVNT	ax20 26@0 SISO	6175	Ant13	-16.75	0	-16.75	-5	-21.75	24	Pass
NVNT	ax20 26@0 SISO	6415	Ant13	-17.38	0	-17.38	-5	-22.38	24	Pass
NVNT	ax20 26@0 SISO	6535	Ant13	-15.22	0	-15.22	-5	-20.22	24	Pass
NVNT	ax20 26@0 SISO	6695	Ant13	-15.15	0	-15.15	-5	-20.15	24	Pass
NVNT	ax20 26@0 SISO	6855	Ant13	-13.74	0	-13.74	-5	-18.74	24	Pass
NVNT	ax20 26@0 MIMO	5955	Ant12	-15.21	0	-15.21	-5	-20.21	24	Pass
NVNT	ax20 26@0 MIMO	5955	Ant13	-16.78	0	-16.78	-5	-21.78	24	Pass
NVNT	ax20 26@0 MIMO	5955	Sum					-17.91	24	Pass

NVNT	ax20 26@0 MIMO	6175	Ant12	-16.15	0	-16.15	-5	-21.15	24	Pass
NVNT	ax20 26@0 MIMO	6175	Ant13	-16.62	0	-16.62	-5	-21.62	24	Pass
NVNT	ax20 26@0 MIMO	6175	Sum					-18.37	24	Pass
NVNT	ax20 26@0 MIMO	6415	Ant12	-15.59	0	-15.59	-5	-20.59	24	Pass
NVNT	ax20 26@0 MIMO	6415	Ant13	-17.12	0	-17.12	-5	-22.12	24	Pass
NVNT	ax20 26@0 MIMO	6415	Sum					-18.28	24	Pass
NVNT	ax20 26@0 MIMO	6535	Ant12	-13.93	0	-13.93	-5	-18.93	24	Pass
NVNT	ax20 26@0 MIMO	6535	Ant13	-26.33	0	-26.33	-5	-31.33	24	Pass
NVNT	ax20 26@0 MIMO	6535	Sum					-18.69	24	Pass
NVNT	ax20 26@0 MIMO	6695	Ant12	-13.02	0	-13.02	-5	-18.02	24	Pass
NVNT	ax20 26@0 MIMO	6695	Ant13	-15.07	0	-15.07	-5	-20.07	24	Pass
NVNT	ax20 26@0 MIMO	6695	Sum					-15.91	24	Pass
NVNT	ax20 26@0 MIMO	6855	Ant12	-13.22	0	-13.22	-5	-18.22	24	Pass

NVNT	ax20 26@0 MIMO	6855	Ant13	-13.66	0	-13.66	-5	-18.66	24	Pass
NVNT	ax20 26@0 MIMO	6855	Sum					-15.42	24	Pass
NVNT	ax20 26@0 SISO	6435	Ant12	-5.33	0	-5.33	-5	-10.33	24	Pass
NVNT	ax20 26@0 SISO	6475	Ant12	-4.44	0	-4.44	-5	-9.44	24	Pass
NVNT	ax20 26@0 SISO	6515	Ant12	-4.54	0	-4.54	-5	-9.54	24	Pass
NVNT	ax20 26@0 SISO	6875	Ant12	-3.18	0	-3.18	-5	-8.18	24	Pass
NVNT	ax20 26@0 SISO	6995	Ant12	-4.86	0	-4.86	-5	-9.86	24	Pass
NVNT	ax20 26@0 SISO	7115	Ant12	-5.29	0	-5.29	-5	-10.29	24	Pass
NVNT	ax20 26@0 SISO	6435	Ant13	-5.29	0	-5.29	-5	-10.29	24	Pass
NVNT	ax20 26@0 SISO	6475	Ant13	-5.55	0	-5.55	-5	-10.55	24	Pass
NVNT	ax20 26@0 SISO	6515	Ant13	-5.68	0	-5.68	-5	-10.68	24	Pass
NVNT	ax20 26@0 SISO	6875	Ant13	-7.06	0	-7.06	-5	-12.06	24	Pass
NVNT	ax20 26@0 SISO	6995	Ant13	-6.76	0	-6.76	-5	-11.76	24	Pass

NVNT	ax20 26@0 SISO	7115	Ant13	-6.96	0	-6.96	-5	-11.96	24	Pass
NVNT	ax20 26@0 MIMO	6435	Ant12	-3.11	0	-3.11	-5	-8.11	24	Pass
NVNT	ax20 26@0 MIMO	6435	Ant13	-5.21	0	-5.21	-5	-10.21	24	Pass
NVNT	ax20 26@0 MIMO	6435	Sum					-6.02	24	Pass
NVNT	ax20 26@0 MIMO	6475	Ant12	-2.19	0	-2.19	-5	-7.19	24	Pass
NVNT	ax20 26@0 MIMO	6475	Ant13	-5.48	0	-5.48	-5	-10.48	24	Pass
NVNT	ax20 26@0 MIMO	6475	Sum					-5.52	24	Pass
NVNT	ax20 26@0 MIMO	6515	Ant12	-2.38	0	-2.38	-5	-7.38	24	Pass
NVNT	ax20 26@0 MIMO	6515	Ant13	-5.67	0	-5.67	-5	-10.67	24	Pass
NVNT	ax20 26@0 MIMO	6515	Sum					-5.71	24	Pass
NVNT	ax20 26@0 MIMO	6875	Ant12	-0.88	0	-0.88	-5	-5.88	24	Pass
NVNT	ax20 26@0 MIMO	6875	Ant13	-6.96	0	-6.96	-5	-11.96	24	Pass
NVNT	ax20 26@0 MIMO	6875	Sum					-4.92	24	Pass

NVNT	ax20 26@0 MIMO	6995	Ant12	-2.54	0	-2.54	-5	-7.54	24	Pass
NVNT	ax20 26@0 MIMO	6995	Ant13	-6.65	0	-6.65	-5	-11.65	24	Pass
NVNT	ax20 26@0 MIMO	6995	Sum					-6.12	24	Pass
NVNT	ax20 26@0 MIMO	7115	Ant12	-3.16	0	-3.16	-5	-8.16	24	Pass
NVNT	ax20 26@0 MIMO	7115	Ant13	-6.89	0	-6.89	-5	-11.89	24	Pass
NVNT	ax20 26@0 MIMO	7115	Sum					-6.63	24	Pass
NVNT	ax20 52@37 SISO	5955	Ant12	-12.46	0	-12.46	-5	-17.46	24	Pass
NVNT	ax20 52@37 SISO	6175	Ant12	-13.38	0	-13.38	-5	-18.38	24	Pass
NVNT	ax20 52@37 SISO	6415	Ant12	-12.78	0	-12.78	-5	-17.78	24	Pass
NVNT	ax20 52@37 SISO	6535	Ant12	-11.29	0	-11.29	-5	-16.29	24	Pass
NVNT	ax20 52@37 SISO	6695	Ant12	-10.45	0	-10.45	-5	-15.45	24	Pass
NVNT	ax20 52@37 SISO	6855	Ant12	-10.5	0	-10.5	-5	-15.5	24	Pass
NVNT	ax20 52@37 SISO	5955	Ant13	-13.56	0	-13.56	-5	-18.56	24	Pass

NVNT	ax20 52@37 SISO	6175	Ant13	-13.42	0	-13.42	-5	-18.42	24	Pass
NVNT	ax20 52@37 SISO	6415	Ant13	-14.1	0	-14.1	-5	-19.1	24	Pass
NVNT	ax20 52@37 SISO	6535	Ant13	-14.25	0	-14.25	-5	-19.25	24	Pass
NVNT	ax20 52@37 SISO	6695	Ant13	-14.57	0	-14.57	-5	-19.57	24	Pass
NVNT	ax20 52@37 SISO	6855	Ant13	-13.71	0	-13.71	-5	-18.71	24	Pass
NVNT	ax20 52@37 MIMO	5955	Ant12	-12.3	0	-12.3	-5	-17.3	24	Pass
NVNT	ax20 52@37 MIMO	5955	Ant13	-13.46	0	-13.46	-5	-18.46	24	Pass
NVNT	ax20 52@37 MIMO	5955	Sum					-14.83	24	Pass
NVNT	ax20 52@37 MIMO	6175	Ant12	-13.25	0	-13.25	-5	-18.25	24	Pass
NVNT	ax20 52@37 MIMO	6175	Ant13	-13.3	0	-13.3	-5	-18.3	24	Pass
NVNT	ax20 52@37 MIMO	6175	Sum					-15.26	24	Pass
NVNT	ax20 52@37 MIMO	6415	Ant12	-12.63	0	-12.63	-5	-17.63	24	Pass
NVNT	ax20 52@37 MIMO	6415	Ant13	-14.01	0	-14.01	-5	-19.01	24	Pass

NVNT	ax20 52@37 MIMO	6415	Sum					-15.26	24	Pass
NVNT	ax20 52@37 MIMO	6535	Ant12	-11.16	0	-11.16	-5	-16.16	24	Pass
NVNT	ax20 52@37 MIMO	6535	Ant13	-14.24	0	-14.24	-5	-19.24	24	Pass
NVNT	ax20 52@37 MIMO	6535	Sum					-14.42	24	Pass
NVNT	ax20 52@37 MIMO	6695	Ant12	-10.33	0	-10.33	-5	-15.33	24	Pass
NVNT	ax20 52@37 MIMO	6695	Ant13	-14.43	0	-14.43	-5	-19.43	24	Pass
NVNT	ax20 52@37 MIMO	6695	Sum					-13.9	24	Pass
NVNT	ax20 52@37 MIMO	6855	Ant12	-10.42	0	-10.42	-5	-15.42	24	Pass
NVNT	ax20 52@37 MIMO	6855	Ant13	-13.63	0	-13.63	-5	-18.63	24	Pass
NVNT	ax20 52@37 MIMO	6855	Sum					-13.72	24	Pass
NVNT	ax20 52@37 SISO	6435	Ant12	-2.26	0	-2.26	-5	-7.26	24	Pass
NVNT	ax20 52@37 SISO	6475	Ant12	-1.44	0	-1.44	-5	-6.44	24	Pass
NVNT	ax20 52@37 SISO	6515	Ant12	-1.58	0	-1.58	-5	-6.58	24	Pass

NVNT	ax20 52@37 SISO	6875	Ant12	-0.11	0	-0.11	-5	-5.11	24	Pass
NVNT	ax20 52@37 SISO	6995	Ant12	-1.75	0	-1.75	-5	-6.75	24	Pass
NVNT	ax20 52@37 SISO	7115	Ant12	-2.2	0	-2.2	-5	-7.2	24	Pass
NVNT	ax20 52@37 SISO	6435	Ant13	-2.27	0	-2.27	-5	-7.27	24	Pass
NVNT	ax20 52@37 SISO	6475	Ant13	-2.46	0	-2.46	-5	-7.46	24	Pass
NVNT	ax20 52@37 SISO	6515	Ant13	-2.64	0	-2.64	-5	-7.64	24	Pass
NVNT	ax20 52@37 SISO	6875	Ant13	-3.97	0	-3.97	-5	-8.97	24	Pass
NVNT	ax20 52@37 SISO	6995	Ant13	-3.7	0	-3.7	-5	-8.7	24	Pass
NVNT	ax20 52@37 SISO	7115	Ant13	-3.82	0	-3.82	-5	-8.82	24	Pass
NVNT	ax20 52@37 MIMO	6435	Ant12	-0.07	0	-0.07	-5	-5.07	24	Pass
NVNT	ax20 52@37 MIMO	6435	Ant13	-2.25	0	-2.25	-5	-7.25	24	Pass
NVNT	ax20 52@37 MIMO	6435	Sum					-3.01	24	Pass
NVNT	ax20 52@37 MIMO	6475	Ant12	0.74	0	0.74	-5	-4.26	24	Pass

NVNT	ax20 52@37 MIMO	6475	Ant13	-2.49	0	-2.49	-5	-7.49	24	Pass
NVNT	ax20 52@37 MIMO	6475	Sum					-2.57	24	Pass
NVNT	ax20 52@37 MIMO	6515	Ant12	0.68	0	0.68	-5	-4.32	24	Pass
NVNT	ax20 52@37 MIMO	6515	Ant13	-2.64	0	-2.64	-5	-7.64	24	Pass
NVNT	ax20 52@37 MIMO	6515	Sum					-2.66	24	Pass
NVNT	ax20 52@37 MIMO	6875	Ant12	1.68	0	1.68	-5	-3.32	24	Pass
NVNT	ax20 52@37 MIMO	6875	Ant13	-3.84	0	-3.84	-5	-8.84	24	Pass
NVNT	ax20 52@37 MIMO	6875	Sum					-2.25	24	Pass
NVNT	ax20 52@37 MIMO	6995	Ant12	0.46	0	0.46	-5	-4.54	24	Pass
NVNT	ax20 52@37 MIMO	6995	Ant13	-3.61	0	-3.61	-5	-8.61	24	Pass
NVNT	ax20 52@37 MIMO	6995	Sum					-3.1	24	Pass
NVNT	ax20 52@37 MIMO	7115	Ant12	0.11	0	0.11	-5	-4.89	24	Pass
NVNT	ax20 52@37 MIMO	7115	Ant13	-3.84	0	-3.84	-5	-8.84	24	Pass

NVNT	ax20 52@37 MIMO	7115	Sum					-3.42	24	Pass
NVNT	ax20 106@53 SISO	5955	Ant12	-9.7	0	-9.7	-5	-14.7	24	Pass
NVNT	ax20 106@53 SISO	6175	Ant12	-7.11	0	-7.11	-5	-12.11	24	Pass
NVNT	ax20 106@53 SISO	6415	Ant12	-9.93	0	-9.93	-5	-14.93	24	Pass
NVNT	ax20 106@53 SISO	6535	Ant12	-8.4	0	-8.4	-5	-13.4	24	Pass
NVNT	ax20 106@53 SISO	6695	Ant12	-7.54	0	-7.54	-5	-12.54	24	Pass
NVNT	ax20 106@53 SISO	6855	Ant12	-7.61	0	-7.61	-5	-12.61	24	Pass
NVNT	ax20 106@53 SISO	5955	Ant13	-8.8	0	-8.8	-5	-13.8	24	Pass
NVNT	ax20 106@53 SISO	6175	Ant13	-8.65	0	-8.65	-5	-13.65	24	Pass
NVNT	ax20 106@53 SISO	6415	Ant13	-9.15	0	-9.15	-5	-14.15	24	Pass
NVNT	ax20 106@53 SISO	6535	Ant13	-9.45	0	-9.45	-5	-14.45	24	Pass
NVNT	ax20 106@53 SISO	6695	Ant13	-9.75	0	-9.75	-5	-14.75	24	Pass
NVNT	ax20 106@53 SISO	6855	Ant13	-10.73	0	-10.73	-5	-15.73	24	Pass

NVNT	ax20 106@53 MIMO	5955	Ant12	-7.44	0	-7.44	-5	-12.44	24	Pass
NVNT	ax20 106@53 MIMO	5955	Ant13	-8.64	0	-8.64	-5	-13.64	24	Pass
NVNT	ax20 106@53 MIMO	5955	Sum					-9.99	24	Pass
NVNT	ax20 106@53 MIMO	6175	Ant12	-8.47	0	-8.47	-5	-13.47	24	Pass
NVNT	ax20 106@53 MIMO	6175	Ant13	-8.55	0	-8.55	-5	-13.55	24	Pass
NVNT	ax20 106@53 MIMO	6175	Sum					-10.5	24	Pass
NVNT	ax20 106@53 MIMO	6415	Ant12	-7.85	0	-7.85	-5	-12.85	24	Pass
NVNT	ax20 106@53 MIMO	6415	Ant13	-9.06	0	-9.06	-5	-14.06	24	Pass
NVNT	ax20 106@53 MIMO	6415	Sum					-10.4	24	Pass
NVNT	ax20 106@53 MIMO	6535	Ant12	-6.25	0	-6.25	-5	-11.25	24	Pass
NVNT	ax20 106@53 MIMO	6535	Ant13	-9.43	0	-9.43	-5	-14.43	24	Pass
NVNT	ax20 106@53 MIMO	6535	Sum					-9.54	24	Pass
NVNT	ax20 106@53 MIMO	6695	Ant12	-5.1	0	-5.1	-5	-10.1	24	Pass

NVNT	ax20 106@53 MIMO	6695	Ant13	-8.28	0	-8.28	-5	-13.28	24	Pass
NVNT	ax20 106@53 MIMO	6695	Sum					-8.39	24	Pass
NVNT	ax20 106@53 MIMO	6855	Ant12	-5.4	0	-5.4	-5	-10.4	24	Pass
NVNT	ax20 106@53 MIMO	6855	Ant13	-10.69	0	-10.69	-5	-15.69	24	Pass
NVNT	ax20 106@53 MIMO	6855	Sum					-9.27	24	Pass
NVNT	ax20 106@53 SISO	6435	Ant12	0.59	0	0.59	-5	-4.41	24	Pass
NVNT	ax20 106@53 SISO	6475	Ant12	1.34	0	1.34	-5	-3.66	24	Pass
NVNT	ax20 106@53 SISO	6515	Ant12	1.24	0	1.24	-5	-3.76	24	Pass
NVNT	ax20 106@53 SISO	6875	Ant12	2.44	0	2.44	-5	-2.56	24	Pass
NVNT	ax20 106@53 SISO	6995	Ant12	0.95	0	0.95	-5	-4.05	24	Pass
NVNT	ax20 106@53 SISO	7115	Ant12	1.03	0	1.03	-5	-3.97	24	Pass
NVNT	ax20 106@53 SISO	6435	Ant13	1.53	0	1.53	-5	-3.47	24	Pass
NVNT	ax20 106@53 SISO	6475	Ant13	0.59	0	0.59	-5	-4.41	24	Pass

NVNT	ax20 106@53 SISO	6515	Ant13	1.19	0	1.19	-5	-3.81	24	Pass
NVNT	ax20 106@53 SISO	6875	Ant13	0.1	0	0.1	-5	-4.9	24	Pass
NVNT	ax20 106@53 SISO	6995	Ant13	0.66	0	0.66	-5	-4.34	24	Pass
NVNT	ax20 106@53 SISO	7115	Ant13	0.4	0	0.4	-5	-4.6	24	Pass
NVNT	ax20 106@53 MIMO	6435	Ant12	3.72	0	3.72	-5	-1.28	24	Pass
NVNT	ax20 106@53 MIMO	6435	Ant13	1.51	0	1.51	-5	-3.49	24	Pass
NVNT	ax20 106@53 MIMO	6435	Sum					0.76	24	Pass
NVNT	ax20 106@53 MIMO	6475	Ant12	4.57	0	4.57	-5	-0.43	24	Pass
NVNT	ax20 106@53 MIMO	6475	Ant13	1.37	0	1.37	-5	-3.63	24	Pass
NVNT	ax20 106@53 MIMO	6475	Sum					1.27	24	Pass
NVNT	ax20 106@53 MIMO	6515	Ant12	4.47	0	4.47	-5	-0.53	24	Pass
NVNT	ax20 106@53 MIMO	6515	Ant13	1.21	0	1.21	-5	-3.79	24	Pass
NVNT	ax20 106@53 MIMO	6515	Sum					1.15	24	Pass

NVNT	ax20 106@53 MIMO	6875	Ant12	5.67	0	5.67	-5	0.67	24	Pass
NVNT	ax20 106@53 MIMO	6875	Ant13	0.19	0	0.19	-5	-4.81	24	Pass
NVNT	ax20 106@53 MIMO	6875	Sum					1.75	24	Pass
NVNT	ax20 106@53 MIMO	6995	Ant12	4.13	0	4.13	-5	-0.87	24	Pass
NVNT	ax20 106@53 MIMO	6995	Ant13	0.67	0	0.67	-5	-4.33	24	Pass
NVNT	ax20 106@53 MIMO	6995	Sum					0.75	24	Pass
NVNT	ax20 106@53 MIMO	7115	Ant12	3.91	0	3.91	-5	-1.09	24	Pass
NVNT	ax20 106@53 MIMO	7115	Ant13	0.42	0	0.42	-5	-4.58	24	Pass
NVNT	ax20 106@53 MIMO	7115	Sum					0.52	24	Pass
NVNT	ax40 26@0 SISO	5965	Ant12	-14.14	0	-14.14	-5	-19.14	24	Pass
NVNT	ax40 26@0 SISO	5965	Ant13	-16.19	0	-16.19	-5	-21.19	24	Pass
NVNT	ax40 26@0 MIMO	5965	Ant12	-14.18	0	-14.18	-5	-19.18	24	Pass
NVNT	ax40 26@0 MIMO	5965	Ant13	-16.02	0	-16.02	-5	-21.02	24	Pass

NVNT	ax40 26@0 MIMO	5965	Sum					-16.99	24	Pass
NVNT	ax40 26@0 SISO	6445	Ant12	-4.95	0	-4.95	-5	-9.95	24	Pass
NVNT	ax40 26@0 SISO	6445	Ant13	-5.07	0	-5.07	-5	-10.07	24	Pass
NVNT	ax40 26@0 MIMO	6445	Ant12	-2.8	0	-2.8	-5	-7.8	24	Pass
NVNT	ax40 26@0 MIMO	6445	Ant13	-5.15	0	-5.15	-5	-10.15	24	Pass
NVNT	ax40 26@0 MIMO	6445	Sum					-5.81	24	Pass
NVNT	ax40 52@37 SISO	5965	Ant12	-11.38	0	-11.38	-5	-16.38	24	Pass
NVNT	ax40 52@37 SISO	5965	Ant13	-11.15	0	-11.15	-5	-16.15	24	Pass
NVNT	ax40 52@37 MIMO	5965	Ant12	-9.29	0	-9.29	-5	-14.29	24	Pass
NVNT	ax40 52@37 MIMO	5965	Ant13	-11.07	0	-11.07	-5	-16.07	24	Pass
NVNT	ax40 52@37 MIMO	5965	Sum					-12.08	24	Pass
NVNT	ax40 52@37 SISO	6445	Ant12	-1.95	0	-1.95	-5	-6.95	24	Pass
NVNT	ax40 52@37 SISO	6445	Ant13	-2.04	0	-2.04	-5	-7.04	24	Pass

NVNT	ax40 52@37 MIMO	6445	Ant12	0.16	0	0.16	-5	-4.84	24	Pass
NVNT	ax40 52@37 MIMO	6445	Ant13	-1.92	0	-1.92	-5	-6.92	24	Pass
NVNT	ax40 52@37 MIMO	6445	Sum					-2.75	24	Pass
NVNT	ax40 106@53 SISO	5965	Ant12	-8.47	0	-8.47	-5	-13.47	24	Pass
NVNT	ax40 106@53 SISO	5965	Ant13	-8.2	0	-8.2	-5	-13.2	24	Pass
NVNT	ax40 106@53 MIMO	5965	Ant12	-6.3	0	-6.3	-5	-11.3	24	Pass
NVNT	ax40 106@53 MIMO	5965	Ant13	-8.12	0	-8.12	-5	-13.12	24	Pass
NVNT	ax40 106@53 MIMO	5965	Sum					-9.11	24	Pass
NVNT	ax40 106@53 SISO	6445	Ant12	0.97	0	0.97	-5	-4.03	24	Pass
NVNT	ax40 106@53 SISO	6445	Ant13	1.86	0	1.86	-5	-3.14	24	Pass
NVNT	ax40 106@53 MIMO	6445	Ant12	4.06	0	4.06	-5	-0.94	24	Pass
NVNT	ax40 106@53 MIMO	6445	Ant13	1.97	0	1.97	-5	-3.03	24	Pass
NVNT	ax40 106@53 MIMO	6445	Sum					1.15	24	Pass

NVNT	ax40 242@61 SISO	5965	Ant12	-5.67	0	-5.67	-5	-10.67	24	Pass
NVNT	ax40 242@61 SISO	5965	Ant13	-5.52	0	-5.52	-5	-10.52	24	Pass
NVNT	ax40 242@61 MIMO	5965	Ant12	-3.52	0	-3.52	-5	-8.52	24	Pass
NVNT	ax40 242@61 MIMO	5965	Ant13	-5.46	0	-5.46	-5	-10.46	24	Pass
NVNT	ax40 242@61 MIMO	5965	Sum					-6.37	24	Pass
NVNT	ax40 242@61 SISO	6445	Ant12	7.25	0	7.25	-5	2.25	24	Pass
NVNT	ax40 242@61 SISO	6445	Ant13	7.44	0	7.44	-5	2.44	24	Pass
NVNT	ax40 242@61 MIMO	6445	Ant12	7.24	0	7.24	-5	2.24	24	Pass
NVNT	ax40 242@61 MIMO	6445	Ant13	7.5	0	7.5	-5	2.5	24	Pass
NVNT	ax40 242@61 MIMO	6445	Sum					5.38	24	Pass
NVNT	ax80 26@0 SISO	5985	Ant12	-14.28	0	-14.28	-5	-19.28	24	Pass
NVNT	ax80 26@0 SISO	5985	Ant13	-16.26	0	-16.26	-5	-21.26	24	Pass
NVNT	ax80 26@0 MIMO	5985	Ant12	-14.05	0	-14.05	-5	-19.05	24	Pass

NVNT	ax80 26@0 MIMO	5985	Ant13	-16.19	0	-16.19	-5	-21.19	24	Pass
NVNT	ax80 26@0 MIMO	5985	Sum					-16.98	24	Pass
NVNT	ax80 26@0 SISO	6465	Ant12	-4.9	0	-4.9	-5	-9.9	24	Pass
NVNT	ax80 26@0 SISO	6465	Ant13	-5.15	0	-5.15	-5	-10.15	24	Pass
NVNT	ax80 26@0 MIMO	6465	Ant12	-2.77	0	-2.77	-5	-7.77	24	Pass
NVNT	ax80 26@0 MIMO	6465	Ant13	-5.13	0	-5.13	-5	-10.13	24	Pass
NVNT	ax80 26@0 MIMO	6465	Sum					-5.78	24	Pass
NVNT	ax80 52@37 SISO	5985	Ant12	-11.09	0	-11.09	-5	-16.09	24	Pass
NVNT	ax80 52@37 SISO	5985	Ant13	-11.07	0	-11.07	-5	-16.07	24	Pass
NVNT	ax80 52@37 MIMO	5985	Ant12	-8.97	0	-8.97	-5	-13.97	24	Pass
NVNT	ax80 52@37 MIMO	5985	Ant13	-10.96	0	-10.96	-5	-15.96	24	Pass
NVNT	ax80 52@37 MIMO	5985	Sum					-11.84	24	Pass
NVNT	ax80 52@37 SISO	6465	Ant12	-1.77	0	-1.77	-5	-6.77	24	Pass

NVNT	ax80 52@37 SISO	6465	Ant13	-1.91	0	-1.91	-5	-6.91	24	Pass
NVNT	ax80 52@37 MIMO	6465	Ant12	0.35	0	0.35	-5	-4.65	24	Pass
NVNT	ax80 52@37 MIMO	6465	Ant13	-1.82	0	-1.82	-5	-6.82	24	Pass
NVNT	ax80 52@37 MIMO	6465	Sum					-2.59	24	Pass
NVNT	ax80 106@53 SISO	5985	Ant12	-8.29	0	-8.29	-5	-13.29	24	Pass
NVNT	ax80 106@53 SISO	5985	Ant13	-10.1	0	-10.1	-5	-15.1	24	Pass
NVNT	ax80 106@53 MIMO	5985	Ant12	-8.02	0	-8.02	-5	-13.02	24	Pass
NVNT	ax80 106@53 MIMO	5985	Ant13	-10.04	0	-10.04	-5	-15.04	24	Pass
NVNT	ax80 106@53 MIMO	5985	Sum					-10.9	24	Pass
NVNT	ax80 106@53 SISO	6465	Ant12	1.17	0	1.17	-5	-3.83	24	Pass
NVNT	ax80 106@53 SISO	6465	Ant13	2.03	0	2.03	-5	-2.97	24	Pass
NVNT	ax80 106@53 MIMO	6465	Ant12	4.3	0	4.3	-5	-0.7	24	Pass
NVNT	ax80 106@53 MIMO	6465	Ant13	2.12	0	2.12	-5	-2.88	24	Pass

NVNT	ax80 106@53 MIMO	6465	Sum					1.36	24	Pass
NVNT	ax80 242@61 SISO	5985	Ant12	-5.05	0	-5.05	-5	-10.05	24	Pass
NVNT	ax80 242@61 SISO	5985	Ant13	-5.25	0	-5.25	-5	-10.25	24	Pass
NVNT	ax80 242@61 MIMO	5985	Ant12	-3.22	0	-3.22	-5	-8.22	24	Pass
NVNT	ax80 242@61 MIMO	5985	Ant13	-5.15	0	-5.15	-5	-10.15	24	Pass
NVNT	ax80 242@61 MIMO	5985	Sum					-6.07	24	Pass
NVNT	ax80 242@61 SISO	6465	Ant12	7.71	0	7.71	-5	2.71	24	Pass
NVNT	ax80 242@61 SISO	6465	Ant13	7.55	0	7.55	-5	2.55	24	Pass
NVNT	ax80 242@61 MIMO	6465	Ant12	7.65	0	7.65	-5	2.65	24	Pass
NVNT	ax80 242@61 MIMO	6465	Ant13	7.65	0	7.65	-5	2.65	24	Pass
NVNT	ax80 242@61 MIMO	6465	Sum					5.66	24	Pass
NVNT	ax80 484@65 SISO	5985	Ant12	-2.45	0	-2.45	-5	-7.45	24	Pass
NVNT	ax80 484@65 SISO	5985	Ant13	-2.13	0	-2.13	-5	-7.13	24	Pass

NVNT	ax80 484@65 MIMO	5985	Ant12	-0.32	0	-0.32	-5	-5.32	24	Pass
NVNT	ax80 484@65 MIMO	5985	Ant13	-2.15	0	-2.15	-5	-7.15	24	Pass
NVNT	ax80 484@65 MIMO	5985	Sum					-3.13	24	Pass
NVNT	ax80 484@65 SISO	6465	Ant12	7.59	0	7.59	-5	2.59	24	Pass
NVNT	ax80 484@65 SISO	6465	Ant13	7.46	0	7.46	-5	2.46	24	Pass
NVNT	ax80 484@65 MIMO	6465	Ant12	7.54	0	7.54	-5	2.54	24	Pass
NVNT	ax80 484@65 MIMO	6465	Ant13	7.48	0	7.48	-5	2.48	24	Pass
NVNT	ax80 484@65 MIMO	6465	Sum					5.52	24	Pass
NVNT	ax160 26@0 SISO	6025	Ant12	-13.52	0	-13.52	-5	-18.52	24	Pass
NVNT	ax160 26@0 SISO	6025	Ant13	-15.08	0	-15.08	-5	-20.08	24	Pass
NVNT	ax160 26@0 MIMO	6025	Ant12	-13.68	0	-13.68	-5	-18.68	24	Pass
NVNT	ax160 26@0 MIMO	6025	Ant13	-15.26	0	-15.26	-5	-20.26	24	Pass
NVNT	ax160 26@0 MIMO	6025	Sum					-16.39	24	Pass

NVNT	ax160 26@0 SISO	6985	Ant12	-3.95	0	-3.95	-5	-8.95	24	Pass
NVNT	ax160 26@0 SISO	6985	Ant13	-5.59	0	-5.59	-5	-10.59	24	Pass
NVNT	ax160 26@0 MIMO	6985	Ant12	-1.66	0	-1.66	-5	-6.66	24	Pass
NVNT	ax160 26@0 MIMO	6985	Ant13	-5.56	0	-5.56	-5	-10.56	24	Pass
NVNT	ax160 26@0 MIMO	6985	Sum					-5.18	24	Pass
NVNT	ax160 52@74 SISO	6025	Ant12	-10.83	0	-10.83	-5	-15.83	24	Pass
NVNT	ax160 52@74 SISO	6025	Ant13	-12.31	0	-12.31	-5	-17.31	24	Pass
NVNT	ax160 52@74 MIMO	6025	Ant12	-10.77	0	-10.77	-5	-15.77	24	Pass
NVNT	ax160 52@74 MIMO	6025	Ant13	-12.29	0	-12.29	-5	-17.29	24	Pass
NVNT	ax160 52@74 MIMO	6025	Sum					-13.45	24	Pass
NVNT	ax160 52@74 SISO	6985	Ant12	-0.61	0	-0.61	-5	-5.61	24	Pass
NVNT	ax160 52@74 SISO	6985	Ant13	-2.44	0	-2.44	-5	-7.44	24	Pass
NVNT	ax160 52@74 MIMO	6985	Ant12	1.37	0	1.37	-5	-3.63	24	Pass

NVNT	ax160 52@74 MIMO	6985	Ant13	-2.42	0	-2.42	-5	-7.42	24	Pass
NVNT	ax160 52@74 MIMO	6985	Sum					-2.11	24	Pass
NVNT	ax160 106@106 SISO	6025	Ant12	-7.72	0	-7.72	-5	-12.72	24	Pass
NVNT	ax160 106@106 SISO	6025	Ant13	-9.29	0	-9.29	-5	-14.29	24	Pass
NVNT	ax160 106@106 MIMO	6025	Ant12	-7.79	0	-7.79	-5	-12.79	24	Pass
NVNT	ax160 106@106 MIMO	6025	Ant13	-9.28	0	-9.28	-5	-14.28	24	Pass
NVNT	ax160 106@106 MIMO	6025	Sum					-10.46	24	Pass
NVNT	ax160 106@106 SISO	6985	Ant12	2.13	0	2.13	-5	-2.87	24	Pass
NVNT	ax160 106@106 SISO	6985	Ant13	1.25	0	1.25	-5	-3.75	24	Pass
NVNT	ax160 106@106 MIMO	6985	Ant12	5.37	0	5.37	-5	0.37	24	Pass
NVNT	ax160 106@106 MIMO	6985	Ant13	1.29	0	1.29	-5	-3.71	24	Pass
NVNT	ax160 106@106 MIMO	6985	Sum					1.8	24	Pass
NVNT	ax160 242@122 SISO	6025	Ant12	-4.64	0	-4.64	-5	-9.64	24	Pass

NVNT	ax160 242@122 SISO	6025	Ant13	-6.17	0	-6.17	-5	-11.17	24	Pass
NVNT	ax160 242@122 MIMO	6025	Ant12	-4.54	0	-4.54	-5	-9.54	24	Pass
NVNT	ax160 242@122 MIMO	6025	Ant13	-6.13	0	-6.13	-5	-11.13	24	Pass
NVNT	ax160 242@122 MIMO	6025	Sum					-7.25	24	Pass
NVNT	ax160 242@122 SISO	6985	Ant12	6.39	0	6.39	-5	1.39	24	Pass
NVNT	ax160 242@122 SISO	6985	Ant13	6.36	0	6.36	-5	1.36	24	Pass
NVNT	ax160 242@122 MIMO	6985	Ant12	6.46	0	6.46	-5	1.46	24	Pass
NVNT	ax160 242@122 MIMO	6985	Ant13	6.35	0	6.35	-5	1.35	24	Pass
NVNT	ax160 242@122 MIMO	6985	Sum					4.42	24	Pass
NVNT	ax160 484@130 SISO	6025	Ant12	-1.92	0	-1.92	-5	-6.92	24	Pass
NVNT	ax160 484@130 SISO	6025	Ant13	-3.16	0	-3.16	-5	-8.16	24	Pass
NVNT	ax160 484@130 MIMO	6025	Ant12	-1.74	0	-1.74	-5	-6.74	24	Pass
NVNT	ax160 484@130 MIMO	6025	Ant13	-3.12	0	-3.12	-5	-8.12	24	Pass

NVNT	ax160 484@130 MIMO	6025	Sum					-4.37	24	Pass
NVNT	ax160 484@130 SISO	6985	Ant12	6.31	0	6.31	-5	1.31	24	Pass
NVNT	ax160 484@130 SISO	6985	Ant13	6.21	0	6.21	-5	1.21	24	Pass
NVNT	ax160 484@130 MIMO	6985	Ant12	6.27	0	6.27	-5	1.27	24	Pass
NVNT	ax160 484@130 MIMO	6985	Ant13	6.16	0	6.16	-5	1.16	24	Pass
NVNT	ax160 484@130 MIMO	6985	Sum					4.23	24	Pass
NVNT	ax160 996@134 SISO	6025	Ant12	0.36	0	0.36	-5	-4.64	24	Pass
NVNT	ax160 996@134 SISO	6025	Ant13	-1.06	0	-1.06	-5	-6.06	24	Pass
NVNT	ax160 996@134 MIMO	6025	Ant12	0.56	0	0.56	-5	-4.44	24	Pass
NVNT	ax160 996@134 MIMO	6025	Ant13	-0.84	0	-0.84	-5	-5.84	24	Pass
NVNT	ax160 996@134 MIMO	6025	Sum					-2.07	24	Pass
NVNT	ax160 996@134 SISO	6985	Ant12	6.09	0	6.09	-5	1.09	24	Pass
NVNT	ax160 996@134 SISO	6985	Ant13	6.41	0	6.41	-5	1.41	24	Pass

NVNT	ax160 996@134 MIMO	6985	Ant12	6.54	0	6.54	-5	1.54	24	Pass
NVNT	ax160 996@134 MIMO	6985	Ant13	6.42	0	6.42	-5	1.42	24	Pass
NVNT	ax160 996@134 MIMO	6985	Sum					4.49	24	Pass
NVNT	be20 26@0 SISO	5955	Ant12	-15.54	0	-15.54	-5	-20.54	24	Pass
NVNT	be20 26@0 SISO	6175	Ant12	-16.48	0	-16.48	-5	-21.48	24	Pass
NVNT	be20 26@0 SISO	6415	Ant12	-15.92	0	-15.92	-5	-20.92	24	Pass
NVNT	be20 26@0 SISO	6535	Ant12	-14.31	0	-14.31	-5	-19.31	24	Pass
NVNT	be20 26@0 SISO	6695	Ant12	-13.37	0	-13.37	-5	-18.37	24	Pass
NVNT	be20 26@0 SISO	6855	Ant12	-13.61	0	-13.61	-5	-18.61	24	Pass
NVNT	be20 26@0 SISO	5955	Ant13	-14.68	0	-14.68	-5	-19.68	24	Pass
NVNT	be20 26@0 SISO	6175	Ant13	-14.63	0	-14.63	-5	-19.63	24	Pass
NVNT	be20 26@0 SISO	6415	Ant13	-15.2	0	-15.2	-5	-20.2	24	Pass
NVNT	be20 26@0 SISO	6535	Ant13	-15.37	0	-15.37	-5	-20.37	24	Pass

NVNT	be20 26@0 SISO	6695	Ant13	-15.13	0	-15.13	-5	-20.13	24	Pass
NVNT	be20 26@0 SISO	6855	Ant13	-13.76	0	-13.76	-5	-18.76	24	Pass
NVNT	be20 26@0 MIMO	5955	Ant12	-13.35	0	-13.35	-5	-18.35	24	Pass
NVNT	be20 26@0 MIMO	5955	Ant13	-14.66	0	-14.66	-5	-19.66	24	Pass
NVNT	be20 26@0 MIMO	5955	Sum					-15.95	24	Pass
NVNT	be20 26@0 MIMO	6175	Ant12	-14.27	0	-14.27	-5	-19.27	24	Pass
NVNT	be20 26@0 MIMO	6175	Ant13	-14.63	0	-14.63	-5	-19.63	24	Pass
NVNT	be20 26@0 MIMO	6175	Sum					-16.44	24	Pass
NVNT	be20 26@0 MIMO	6415	Ant12	-13.76	0	-13.76	-5	-18.76	24	Pass
NVNT	be20 26@0 MIMO	6415	Ant13	-15.22	0	-15.22	-5	-20.22	24	Pass
NVNT	be20 26@0 MIMO	6415	Sum					-16.42	24	Pass
NVNT	be20 26@0 MIMO	6535	Ant12	-14.27	0	-14.27	-5	-19.27	24	Pass
NVNT	be20 26@0 MIMO	6535	Ant13	-26.32	0	-26.32	-5	-31.32	24	Pass

NVNT	be20 26@0 MIMO	6535	Sum					-19.01	24	Pass
NVNT	be20 26@0 MIMO	6695	Ant12	-13.23	0	-13.23	-5	-18.23	24	Pass
NVNT	be20 26@0 MIMO	6695	Ant13	-15.2	0	-15.2	-5	-20.2	24	Pass
NVNT	be20 26@0 MIMO	6695	Sum					-16.09	24	Pass
NVNT	be20 26@0 MIMO	6855	Ant12	-13.37	0	-13.37	-5	-18.37	24	Pass
NVNT	be20 26@0 MIMO	6855	Ant13	-13.71	0	-13.71	-5	-18.71	24	Pass
NVNT	be20 26@0 MIMO	6855	Sum					-15.53	24	Pass
NVNT	be20 26@0 SISO	6435	Ant12	-5.3	0	-5.3	-5	-10.3	24	Pass
NVNT	be20 26@0 SISO	6475	Ant12	-4.37	0	-4.37	-5	-9.37	24	Pass
NVNT	be20 26@0 SISO	6515	Ant12	-4.52	0	-4.52	-5	-9.52	24	Pass
NVNT	be20 26@0 SISO	6875	Ant12	-3.24	0	-3.24	-5	-8.24	24	Pass
NVNT	be20 26@0 SISO	6995	Ant12	-4.79	0	-4.79	-5	-9.79	24	Pass
NVNT	be20 26@0 SISO	7115	Ant12	-5.27	0	-5.27	-5	-10.27	24	Pass

NVNT	be20 26@0 SISO	6435	Ant13	-5.42	0	-5.42	-5	-10.42	24	Pass
NVNT	be20 26@0 SISO	6475	Ant13	-5.58	0	-5.58	-5	-10.58	24	Pass
NVNT	be20 26@0 SISO	6515	Ant13	-5.75	0	-5.75	-5	-10.75	24	Pass
NVNT	be20 26@0 SISO	6875	Ant13	-7.03	0	-7.03	-5	-12.03	24	Pass
NVNT	be20 26@0 SISO	6995	Ant13	-6.75	0	-6.75	-5	-11.75	24	Pass
NVNT	be20 26@0 SISO	7115	Ant13	-6.98	0	-6.98	-5	-11.98	24	Pass
NVNT	be20 26@0 MIMO	6435	Ant12	-3.15	0	-3.15	-5	-8.15	24	Pass
NVNT	be20 26@0 MIMO	6435	Ant13	-5.33	0	-5.33	-5	-10.33	24	Pass
NVNT	be20 26@0 MIMO	6435	Sum					-6.09	24	Pass
NVNT	be20 26@0 MIMO	6475	Ant12	-2.32	0	-2.32	-5	-7.32	24	Pass
NVNT	be20 26@0 MIMO	6475	Ant13	-5.52	0	-5.52	-5	-10.52	24	Pass
NVNT	be20 26@0 MIMO	6475	Sum					-5.62	24	Pass
NVNT	be20 26@0 MIMO	6515	Ant12	-2.38	0	-2.38	-5	-7.38	24	Pass

NVNT	be20 26@0 MIMO	6515	Ant13	-5.66	0	-5.66	-5	-10.66	24	Pass
NVNT	be20 26@0 MIMO	6515	Sum					-5.71	24	Pass
NVNT	be20 26@0 MIMO	6875	Ant12	-0.96	0	-0.96	-5	-5.96	24	Pass
NVNT	be20 26@0 MIMO	6875	Ant13	-6.96	0	-6.96	-5	-11.96	24	Pass
NVNT	be20 26@0 MIMO	6875	Sum					-4.99	24	Pass
NVNT	be20 26@0 MIMO	6995	Ant12	-2.57	0	-2.57	-5	-7.57	24	Pass
NVNT	be20 26@0 MIMO	6995	Ant13	-6.65	0	-6.65	-5	-11.65	24	Pass
NVNT	be20 26@0 MIMO	6995	Sum					-6.14	24	Pass
NVNT	be20 26@0 MIMO	7115	Ant12	-3.09	0	-3.09	-5	-8.09	24	Pass
NVNT	be20 26@0 MIMO	7115	Ant13	-6.94	0	-6.94	-5	-11.94	24	Pass
NVNT	be20 26@0 MIMO	7115	Sum					-6.59	24	Pass
NVNT	be20 52@37 SISO	5955	Ant12	-12.52	0	-12.52	-5	-17.52	24	Pass
NVNT	be20 52@37 SISO	6175	Ant12	-13.49	0	-13.49	-5	-18.49	24	Pass

NVNT	be20 52@37 SISO	6415	Ant12	-12.91	0	-12.91	-5	-17.91	24	Pass
NVNT	be20 52@37 SISO	6535	Ant12	-11.42	0	-11.42	-5	-16.42	24	Pass
NVNT	be20 52@37 SISO	6695	Ant12	-10.54	0	-10.54	-5	-15.54	24	Pass
NVNT	be20 52@37 SISO	6855	Ant12	-10.79	0	-10.79	-5	-15.79	24	Pass
NVNT	be20 52@37 SISO	5955	Ant13	-11.71	0	-11.71	-5	-16.71	24	Pass
NVNT	be20 52@37 SISO	6175	Ant13	-11.57	0	-11.57	-5	-16.57	24	Pass
NVNT	be20 52@37 SISO	6415	Ant13	-12.23	0	-12.23	-5	-17.23	24	Pass
NVNT	be20 52@37 SISO	6535	Ant13	-12.38	0	-12.38	-5	-17.38	24	Pass
NVNT	be20 52@37 SISO	6695	Ant13	-12.61	0	-12.61	-5	-17.61	24	Pass
NVNT	be20 52@37 SISO	6855	Ant13	-13.58	0	-13.58	-5	-18.58	24	Pass
NVNT	be20 52@37 MIMO	5955	Ant12	-10.51	0	-10.51	-5	-15.51	24	Pass
NVNT	be20 52@37 MIMO	5955	Ant13	-11.66	0	-11.66	-5	-16.66	24	Pass
NVNT	be20 52@37 MIMO	5955	Sum					-13.04	24	Pass

NVNT	be20 52@37 MIMO	6175	Ant12	-11.38	0	-11.38	-5	-16.38	24	Pass
NVNT	be20 52@37 MIMO	6175	Ant13	-11.48	0	-11.48	-5	-16.48	24	Pass
NVNT	be20 52@37 MIMO	6175	Sum					-13.42	24	Pass
NVNT	be20 52@37 MIMO	6415	Ant12	-10.76	0	-10.76	-5	-15.76	24	Pass
NVNT	be20 52@37 MIMO	6415	Ant13	-12.17	0	-12.17	-5	-17.17	24	Pass
NVNT	be20 52@37 MIMO	6415	Sum					-13.4	24	Pass
NVNT	be20 52@37 MIMO	6535	Ant12	-9.25	0	-9.25	-5	-14.25	24	Pass
NVNT	be20 52@37 MIMO	6535	Ant13	-12.35	0	-12.35	-5	-17.35	24	Pass
NVNT	be20 52@37 MIMO	6535	Sum					-12.52	24	Pass
NVNT	be20 52@37 MIMO	6695	Ant12	-8.35	0	-8.35	-5	-13.35	24	Pass
NVNT	be20 52@37 MIMO	6695	Ant13	-12.51	0	-12.51	-5	-17.51	24	Pass
NVNT	be20 52@37 MIMO	6695	Sum					-11.94	24	Pass
NVNT	be20 52@37 MIMO	6855	Ant12	-8.32	0	-8.32	-5	-13.32	24	Pass

NVNT	be20 52@37 MIMO	6855	Ant13	-13.42	0	-13.42	-5	-18.42	24	Pass
NVNT	be20 52@37 MIMO	6855	Sum					-12.15	24	Pass
NVNT	be20 52@37 SISO	6435	Ant12	-2.23	0	-2.23	-5	-7.23	24	Pass
NVNT	be20 52@37 SISO	6475	Ant12	-1.47	0	-1.47	-5	-6.47	24	Pass
NVNT	be20 52@37 SISO	6515	Ant12	-1.57	0	-1.57	-5	-6.57	24	Pass
NVNT	be20 52@37 SISO	6875	Ant12	-0.13	0	-0.13	-5	-5.13	24	Pass
NVNT	be20 52@37 SISO	6995	Ant12	-1.81	0	-1.81	-5	-6.81	24	Pass
NVNT	be20 52@37 SISO	7115	Ant12	-2.31	0	-2.31	-5	-7.31	24	Pass
NVNT	be20 52@37 SISO	6435	Ant13	-2.23	0	-2.23	-5	-7.23	24	Pass
NVNT	be20 52@37 SISO	6475	Ant13	-2.46	0	-2.46	-5	-7.46	24	Pass
NVNT	be20 52@37 SISO	6515	Ant13	-2.62	0	-2.62	-5	-7.62	24	Pass
NVNT	be20 52@37 SISO	6875	Ant13	-3.92	0	-3.92	-5	-8.92	24	Pass
NVNT	be20 52@37 SISO	6995	Ant13	-3.65	0	-3.65	-5	-8.65	24	Pass

NVNT	be20 52@37 SISO	7115	Ant13	-3.88	0	-3.88	-5	-8.88	24	Pass
NVNT	be20 52@37 MIMO	6435	Ant12	-0.03	0	-0.03	-5	-5.03	24	Pass
NVNT	be20 52@37 MIMO	6435	Ant13	-2.18	0	-2.18	-5	-7.18	24	Pass
NVNT	be20 52@37 MIMO	6435	Sum					-2.96	24	Pass
NVNT	be20 52@37 MIMO	6475	Ant12	0.72	0	0.72	-5	-4.28	24	Pass
NVNT	be20 52@37 MIMO	6475	Ant13	-2.43	0	-2.43	-5	-7.43	24	Pass
NVNT	be20 52@37 MIMO	6475	Sum					-2.57	24	Pass
NVNT	be20 52@37 MIMO	6515	Ant12	0.6	0	0.6	-5	-4.4	24	Pass
NVNT	be20 52@37 MIMO	6515	Ant13	-2.61	0	-2.61	-5	-7.61	24	Pass
NVNT	be20 52@37 MIMO	6515	Sum					-2.7	24	Pass
NVNT	be20 52@37 MIMO	6875	Ant12	1.69	0	1.69	-5	-3.31	24	Pass
NVNT	be20 52@37 MIMO	6875	Ant13	-3.79	0	-3.79	-5	-8.79	24	Pass
NVNT	be20 52@37 MIMO	6875	Sum					-2.23	24	Pass

NVNT	be20 52@37 MIMO	6995	Ant12	0.52	0	0.52	-5	-4.48	24	Pass
NVNT	be20 52@37 MIMO	6995	Ant13	-3.51	0	-3.51	-5	-8.51	24	Pass
NVNT	be20 52@37 MIMO	6995	Sum					-3.03	24	Pass
NVNT	be20 52@37 MIMO	7115	Ant12	0.05	0	0.05	-5	-4.95	24	Pass
NVNT	be20 52@37 MIMO	7115	Ant13	-3.75	0	-3.75	-5	-8.75	24	Pass
NVNT	be20 52@37 MIMO	7115	Sum					-3.44	24	Pass
NVNT	be20 106@53 SISO	5955	Ant12	-9.66	0	-9.66	-5	-14.66	24	Pass
NVNT	be20 106@53 SISO	6175	Ant12	-10.63	0	-10.63	-5	-15.63	24	Pass
NVNT	be20 106@53 SISO	6415	Ant12	-9.97	0	-9.97	-5	-14.97	24	Pass
NVNT	be20 106@53 SISO	6535	Ant12	-8.45	0	-8.45	-5	-13.45	24	Pass
NVNT	be20 106@53 SISO	6695	Ant12	-7.61	0	-7.61	-5	-12.61	24	Pass
NVNT	be20 106@53 SISO	6855	Ant12	-7.67	0	-7.67	-5	-12.67	24	Pass
NVNT	be20 106@53 SISO	5955	Ant13	-8.87	0	-8.87	-5	-13.87	24	Pass

NVNT	be20 106@53 SISO	6175	Ant13	-8.71	0	-8.71	-5	-13.71	24	Pass
NVNT	be20 106@53 SISO	6415	Ant13	-9.2	0	-9.2	-5	-14.2	24	Pass
NVNT	be20 106@53 SISO	6535	Ant13	-9.52	0	-9.52	-5	-14.52	24	Pass
NVNT	be20 106@53 SISO	6695	Ant13	-9.8	0	-9.8	-5	-14.8	24	Pass
NVNT	be20 106@53 SISO	6855	Ant13	-10.74	0	-10.74	-5	-15.74	24	Pass
NVNT	be20 106@53 MIMO	5955	Ant12	-7.56	0	-7.56	-5	-12.56	24	Pass
NVNT	be20 106@53 MIMO	5955	Ant13	-8.71	0	-8.71	-5	-13.71	24	Pass
NVNT	be20 106@53 MIMO	5955	Sum					-10.09	24	Pass
NVNT	be20 106@53 MIMO	6175	Ant12	-8.51	0	-8.51	-5	-13.51	24	Pass
NVNT	be20 106@53 MIMO	6175	Ant13	-8.58	0	-8.58	-5	-13.58	24	Pass
NVNT	be20 106@53 MIMO	6175	Sum					-10.53	24	Pass
NVNT	be20 106@53 MIMO	6415	Ant12	-7.85	0	-7.85	-5	-12.85	24	Pass
NVNT	be20 106@53 MIMO	6415	Ant13	-9.08	0	-9.08	-5	-14.08	24	Pass

NVNT	be20 106@53 MIMO	6415	Sum					-10.41	24	Pass
NVNT	be20 106@53 MIMO	6535	Ant12	-6.27	0	-6.27	-5	-11.27	24	Pass
NVNT	be20 106@53 MIMO	6535	Ant13	-9.45	0	-9.45	-5	-14.45	24	Pass
NVNT	be20 106@53 MIMO	6535	Sum					-9.56	24	Pass
NVNT	be20 106@53 MIMO	6695	Ant12	-5.24	0	-5.24	-5	-10.24	24	Pass
NVNT	be20 106@53 MIMO	6695	Ant13	-9.66	0	-9.66	-5	-14.66	24	Pass
NVNT	be20 106@53 MIMO	6695	Sum					-8.9	24	Pass
NVNT	be20 106@53 MIMO	6855	Ant12	-5.37	0	-5.37	-5	-10.37	24	Pass
NVNT	be20 106@53 MIMO	6855	Ant13	-10.7	0	-10.7	-5	-15.7	24	Pass
NVNT	be20 106@53 MIMO	6855	Sum					-9.25	24	Pass
NVNT	be20 106@53 SISO	6435	Ant12	0.64	0	0.64	-5	-4.36	24	Pass
NVNT	be20 106@53 SISO	6475	Ant12	1.42	0	1.42	-5	-3.58	24	Pass
NVNT	be20 106@53 SISO	6515	Ant12	1.29	0	1.29	-5	-3.71	24	Pass

NVNT	be20 106@53 SISO	6875	Ant12	2.39	0	2.39	-5	-2.61	24	Pass
NVNT	be20 106@53 SISO	6995	Ant12	0.99	0	0.99	-5	-4.01	24	Pass
NVNT	be20 106@53 SISO	7115	Ant12	1.07	0	1.07	-5	-3.93	24	Pass
NVNT	be20 106@53 SISO	6435	Ant13	0.59	0	0.59	-5	-4.41	24	Pass
NVNT	be20 106@53 SISO	6475	Ant13	0.41	0	0.41	-5	-4.59	24	Pass
NVNT	be20 106@53 SISO	6515	Ant13	0.25	0	0.25	-5	-4.75	24	Pass
NVNT	be20 106@53 SISO	6875	Ant13	-0.8	0	-0.8	-5	-5.8	24	Pass
NVNT	be20 106@53 SISO	6995	Ant13	-0.54	0	-0.54	-5	-5.54	24	Pass
NVNT	be20 106@53 SISO	7115	Ant13	-0.85	0	-0.85	-5	-5.85	24	Pass
NVNT	be20 106@53 MIMO	6435	Ant12	2.73	0	2.73	-5	-2.27	24	Pass
NVNT	be20 106@53 MIMO	6435	Ant13	0.59	0	0.59	-5	-4.41	24	Pass
NVNT	be20 106@53 MIMO	6435	Sum					-0.2	24	Pass
NVNT	be20 106@53 MIMO	6475	Ant12	3.56	0	3.56	-5	-1.44	24	Pass

NVNT	be20 106@53 MIMO	6475	Ant13	0.42	0	0.42	-5	-4.58	24	Pass
NVNT	be20 106@53 MIMO	6475	Sum					0.28	24	Pass
NVNT	be20 106@53 MIMO	6515	Ant12	3.47	0	3.47	-5	-1.53	24	Pass
NVNT	be20 106@53 MIMO	6515	Ant13	0.28	0	0.28	-5	-4.72	24	Pass
NVNT	be20 106@53 MIMO	6515	Sum					0.17	24	Pass
NVNT	be20 106@53 MIMO	6875	Ant12	4.66	0	4.66	-5	-0.34	24	Pass
NVNT	be20 106@53 MIMO	6875	Ant13	-0.64	0	-0.64	-5	-5.64	24	Pass
NVNT	be20 106@53 MIMO	6875	Sum					0.78	24	Pass
NVNT	be20 106@53 MIMO	6995	Ant12	3.18	0	3.18	-5	-1.82	24	Pass
NVNT	be20 106@53 MIMO	6995	Ant13	-0.41	0	-0.41	-5	-5.41	24	Pass
NVNT	be20 106@53 MIMO	6995	Sum					-0.24	24	Pass
NVNT	be20 106@53 MIMO	7115	Ant12	2.86	0	2.86	-5	-2.14	24	Pass
NVNT	be20 106@53 MIMO	7115	Ant13	-0.77	0	-0.77	-5	-5.77	24	Pass

NVNT	be20 106@53 MIMO	7115	Sum					-0.58	24	Pass
NVNT	be40 26@0 SISO	5965	Ant12	-14.33	0	-14.33	-5	-19.33	24	Pass
NVNT	be40 26@0 SISO	5965	Ant13	-16.11	0	-16.11	-5	-21.11	24	Pass
NVNT	be40 26@0 MIMO	5965	Ant12	-14.19	0	-14.19	-5	-19.19	24	Pass
NVNT	be40 26@0 MIMO	5965	Ant13	-16.05	0	-16.05	-5	-21.05	24	Pass
NVNT	be40 26@0 MIMO	5965	Sum					-17.01	24	Pass
NVNT	be40 26@0 SISO	6445	Ant12	-5.02	0	-5.02	-5	-10.02	24	Pass
NVNT	be40 26@0 SISO	6445	Ant13	-5.07	0	-5.07	-5	-10.07	24	Pass
NVNT	be40 26@0 MIMO	6445	Ant12	-2.84	0	-2.84	-5	-7.84	24	Pass
NVNT	be40 26@0 MIMO	6445	Ant13	-5.01	0	-5.01	-5	-10.01	24	Pass
NVNT	be40 26@0 MIMO	6445	Sum					-5.78	24	Pass
NVNT	be40 52@37 SISO	5965	Ant12	-11.3	0	-11.3	-5	-16.3	24	Pass
NVNT	be40 52@37 SISO	5965	Ant13	-11.05	0	-11.05	-5	-16.05	24	Pass

NVNT	be40 52@37 MIMO	5965	Ant12	-9.35	0	-9.35	-5	-14.35	24	Pass
NVNT	be40 52@37 MIMO	5965	Ant13	-11.07	0	-11.07	-5	-16.07	24	Pass
NVNT	be40 52@37 MIMO	5965	Sum					-12.12	24	Pass
NVNT	be40 52@37 SISO	6445	Ant12	-2.01	0	-2.01	-5	-7.01	24	Pass
NVNT	be40 52@37 SISO	6445	Ant13	-2.08	0	-2.08	-5	-7.08	24	Pass
NVNT	be40 52@37 MIMO	6445	Ant12	0.1	0	0.1	-5	-4.9	24	Pass
NVNT	be40 52@37 MIMO	6445	Ant13	-1.98	0	-1.98	-5	-6.98	24	Pass
NVNT	be40 52@37 MIMO	6445	Sum					-2.81	24	Pass
NVNT	be40 106@53 SISO	5965	Ant12	-8.4	0	-8.4	-5	-13.4	24	Pass
NVNT	be40 106@53 SISO	5965	Ant13	-8.18	0	-8.18	-5	-13.18	24	Pass
NVNT	be40 106@53 MIMO	5965	Ant12	-6.23	0	-6.23	-5	-11.23	24	Pass
NVNT	be40 106@53 MIMO	5965	Ant13	-8.23	0	-8.23	-5	-13.23	24	Pass
NVNT	be40 106@53 MIMO	5965	Sum					-9.11	24	Pass

NVNT	be40 106@53 SISO	6445	Ant12	0.8	0	0.8	-5	-4.2	24	Pass
NVNT	be40 106@53 SISO	6445	Ant13	1.77	0	1.77	-5	-3.23	24	Pass
NVNT	be40 106@53 MIMO	6445	Ant12	4.13	0	4.13	-5	-0.87	24	Pass
NVNT	be40 106@53 MIMO	6445	Ant13	1.92	0	1.92	-5	-3.08	24	Pass
NVNT	be40 106@53 MIMO	6445	Sum					1.17	24	Pass
NVNT	be40 242@61 SISO	5965	Ant12	-5.69	0	-5.69	-5	-10.69	24	Pass
NVNT	be40 242@61 SISO	5965	Ant13	-5.54	0	-5.54	-5	-10.54	24	Pass
NVNT	be40 242@61 MIMO	5965	Ant12	-3.51	0	-3.51	-5	-8.51	24	Pass
NVNT	be40 242@61 MIMO	5965	Ant13	-5.47	0	-5.47	-5	-10.47	24	Pass
NVNT	be40 242@61 MIMO	5965	Sum					-6.37	24	Pass
NVNT	be40 242@61 SISO	6445	Ant12	7.25	0	7.25	-5	2.25	24	Pass
NVNT	be40 242@61 SISO	6445	Ant13	7.45	0	7.45	-5	2.45	24	Pass
NVNT	be40 242@61 MIMO	6445	Ant12	7.24	0	7.24	-5	2.24	24	Pass

NVNT	be40 242@61 MIMO	6445	Ant13	7.5	0	7.5	-5	2.5	24	Pass
NVNT	be40 242@61 MIMO	6445	Sum					5.38	24	Pass
NVNT	be80 26@0 SISO	5985	Ant12	-14.31	0	-14.31	-5	-19.31	24	Pass
NVNT	be80 26@0 SISO	5985	Ant13	-16.71	0	-16.71	-5	-21.71	24	Pass
NVNT	be80 26@0 MIMO	5985	Ant12	-14.39	0	-14.39	-5	-19.39	24	Pass
NVNT	be80 26@0 MIMO	5985	Ant13	-16.61	0	-16.61	-5	-21.61	24	Pass
NVNT	be80 26@0 MIMO	5985	Sum					-17.35	24	Pass
NVNT	be80 26@0 SISO	6465	Ant12	-5.13	0	-5.13	-5	-10.13	24	Pass
NVNT	be80 26@0 SISO	6465	Ant13	-5.29	0	-5.29	-5	-10.29	24	Pass
NVNT	be80 26@0 MIMO	6465	Ant12	-2.94	0	-2.94	-5	-7.94	24	Pass
NVNT	be80 26@0 MIMO	6465	Ant13	-5.17	0	-5.17	-5	-10.17	24	Pass
NVNT	be80 26@0 MIMO	6465	Sum					-5.9	24	Pass
NVNT	be80 52@37 SISO	5985	Ant12	-11.11	0	-11.11	-5	-16.11	24	Pass

NVNT	be80 52@37 SISO	5985	Ant13	-10.92	0	-10.92	-5	-15.92	24	Pass
NVNT	be80 52@37 MIMO	5985	Ant12	-9.12	0	-9.12	-5	-14.12	24	Pass
NVNT	be80 52@37 MIMO	5985	Ant13	-10.9	0	-10.9	-5	-15.9	24	Pass
NVNT	be80 52@37 MIMO	5985	Sum					-11.91	24	Pass
NVNT	be80 52@37 SISO	6465	Ant12	-1.88	0	-1.88	-5	-6.88	24	Pass
NVNT	be80 52@37 SISO	6465	Ant13	-2.02	0	-2.02	-5	-7.02	24	Pass
NVNT	be80 52@37 MIMO	6465	Ant12	0.39	0	0.39	-5	-4.61	24	Pass
NVNT	be80 52@37 MIMO	6465	Ant13	-1.9	0	-1.9	-5	-6.9	24	Pass
NVNT	be80 52@37 MIMO	6465	Sum					-2.6	24	Pass
NVNT	be80 106@53 SISO	5985	Ant12	-8.11	0	-8.11	-5	-13.11	24	Pass
NVNT	be80 106@53 SISO	5985	Ant13	-7.97	0	-7.97	-5	-12.97	24	Pass
NVNT	be80 106@53 MIMO	5985	Ant12	-6.1	0	-6.1	-5	-11.1	24	Pass
NVNT	be80 106@53 MIMO	5985	Ant13	-7.96	0	-7.96	-5	-12.96	24	Pass

NVNT	be80 106@53 MIMO	5985	Sum					-8.92	24	Pass
NVNT	be80 106@53 SISO	6465	Ant12	1.09	0	1.09	-5	-3.91	24	Pass
NVNT	be80 106@53 SISO	6465	Ant13	1.94	0	1.94	-5	-3.06	24	Pass
NVNT	be80 106@53 MIMO	6465	Ant12	4.35	0	4.35	-5	-0.65	24	Pass
NVNT	be80 106@53 MIMO	6465	Ant13	2.04	0	2.04	-5	-2.96	24	Pass
NVNT	be80 106@53 MIMO	6465	Sum					1.36	24	Pass
NVNT	be80 242@61 SISO	5985	Ant12	-5.2	0	-5.2	-5	-10.2	24	Pass
NVNT	be80 242@61 SISO	5985	Ant13	-5.24	0	-5.24	-5	-10.24	24	Pass
NVNT	be80 242@61 MIMO	5985	Ant12	-3.21	0	-3.21	-5	-8.21	24	Pass
NVNT	be80 242@61 MIMO	5985	Ant13	-5.16	0	-5.16	-5	-10.16	24	Pass
NVNT	be80 242@61 MIMO	5985	Sum					-6.07	24	Pass
NVNT	be80 242@61 SISO	6465	Ant12	7.66	0	7.66	-5	2.66	24	Pass
NVNT	be80 242@61 SISO	6465	Ant13	7.54	0	7.54	-5	2.54	24	Pass

NVNT	be80 242@61 MIMO	6465	Ant12	7.71	0	7.71	-5	2.71	24	Pass
NVNT	be80 242@61 MIMO	6465	Ant13	7.59	0	7.59	-5	2.59	24	Pass
NVNT	be80 242@61 MIMO	6465	Sum					5.66	24	Pass
NVNT	be80 484@65 SISO	5985	Ant12	-2.48	0	-2.48	-5	-7.48	24	Pass
NVNT	be80 484@65 SISO	5985	Ant13	-2.34	0	-2.34	-5	-7.34	24	Pass
NVNT	be80 484@65 MIMO	5985	Ant12	-0.35	0	-0.35	-5	-5.35	24	Pass
NVNT	be80 484@65 MIMO	5985	Ant13	-2.12	0	-2.12	-5	-7.12	24	Pass
NVNT	be80 484@65 MIMO	5985	Sum					-3.14	24	Pass
NVNT	be80 484@65 SISO	6465	Ant12	7.61	0	7.61	-5	2.61	24	Pass
NVNT	be80 484@65 SISO	6465	Ant13	7.47	0	7.47	-5	2.47	24	Pass
NVNT	be80 484@65 MIMO	6465	Ant12	7.6	0	7.6	-5	2.6	24	Pass
NVNT	be80 484@65 MIMO	6465	Ant13	7.45	0	7.45	-5	2.45	24	Pass
NVNT	be80 484@65 MIMO	6465	Sum					5.54	24	Pass

NVNT	be160 26@0 SISO	6025	Ant12	-13.82	0	-13.82	-5	-18.82	24	Pass
NVNT	be160 26@0 SISO	6025	Ant13	-15.32	0	-15.32	-5	-20.32	24	Pass
NVNT	be160 26@0 MIMO	6025	Ant12	-13.75	0	-13.75	-5	-18.75	24	Pass
NVNT	be160 26@0 MIMO	6025	Ant13	-15.27	0	-15.27	-5	-20.27	24	Pass
NVNT	be160 26@0 MIMO	6025	Sum					-16.43	24	Pass
NVNT	be160 26@0 SISO	6985	Ant12	-3.82	0	-3.82	-5	-8.82	24	Pass
NVNT	be160 26@0 SISO	6985	Ant13	-5.82	0	-5.82	-5	-10.82	24	Pass
NVNT	be160 26@0 MIMO	6985	Ant12	-1.46	0	-1.46	-5	-6.46	24	Pass
NVNT	be160 26@0 MIMO	6985	Ant13	-5.73	0	-5.73	-5	-10.73	24	Pass
NVNT	be160 26@0 MIMO	6985	Sum					-5.08	24	Pass
NVNT	be160 52@74 SISO	6025	Ant12	-10.78	0	-10.78	-5	-15.78	24	Pass
NVNT	be160 52@74 SISO	6025	Ant13	-12.24	0	-12.24	-5	-17.24	24	Pass
NVNT	be160 52@74 MIMO	6025	Ant12	-10.81	0	-10.81	-5	-15.81	24	Pass

NVNT	be160 52@74 MIMO	6025	Ant13	-12.25	0	-12.25	-5	-17.25	24	Pass
NVNT	be160 52@74 MIMO	6025	Sum					-13.46	24	Pass
NVNT	be160 52@74 SISO	6985	Ant12	-0.59	0	-0.59	-5	-5.59	24	Pass
NVNT	be160 52@74 SISO	6985	Ant13	-2.69	0	-2.69	-5	-7.69	24	Pass
NVNT	be160 52@74 MIMO	6985	Ant12	1.39	0	1.39	-5	-3.61	24	Pass
NVNT	be160 52@74 MIMO	6985	Ant13	-2.69	0	-2.69	-5	-7.69	24	Pass
NVNT	be160 52@74 MIMO	6985	Sum					-2.18	24	Pass
NVNT	be160 106@106 SISO	6025	Ant12	-7.71	0	-7.71	-5	-12.71	24	Pass
NVNT	be160 106@106 SISO	6025	Ant13	-9.18	0	-9.18	-5	-14.18	24	Pass
NVNT	be160 106@106 MIMO	6025	Ant12	-7.73	0	-7.73	-5	-12.73	24	Pass
NVNT	be160 106@106 MIMO	6025	Ant13	-9.16	0	-9.16	-5	-14.16	24	Pass
NVNT	be160 106@106 MIMO	6025	Sum					-10.38	24	Pass
NVNT	be160 106@106 SISO	6985	Ant12	2.35	0	2.35	-5	-2.65	24	Pass

NVNT	be160 106@106 SISO	6985	Ant13	1.18	0	1.18	-5	-3.82	24	Pass
NVNT	be160 106@106 MIMO	6985	Ant12	5.66	0	5.66	-5	0.66	24	Pass
NVNT	be160 106@106 MIMO	6985	Ant13	1.18	0	1.18	-5	-3.82	24	Pass
NVNT	be160 106@106 MIMO	6985	Sum					1.98	24	Pass
NVNT	be160 242@122 SISO	6025	Ant12	-4.64	0	-4.64	-5	-9.64	24	Pass
NVNT	be160 242@122 SISO	6025	Ant13	-6.13	0	-6.13	-5	-11.13	24	Pass
NVNT	be160 242@122 MIMO	6025	Ant12	-4.63	0	-4.63	-5	-9.63	24	Pass
NVNT	be160 242@122 MIMO	6025	Ant13	-6.13	0	-6.13	-5	-11.13	24	Pass
NVNT	be160 242@122 MIMO	6025	Sum					-7.31	24	Pass
NVNT	be160 242@122 SISO	6985	Ant12	6.96	0	6.96	-5	1.96	24	Pass
NVNT	be160 242@122 SISO	6985	Ant13	6.85	0	6.85	-5	1.85	24	Pass
NVNT	be160 242@122 MIMO	6985	Ant12	6.93	0	6.93	-5	1.93	24	Pass
NVNT	be160 242@122 MIMO	6985	Ant13	6.83	0	6.83	-5	1.83	24	Pass

NVNT	be160 242@122 MIMO	6985	Sum					4.89	24	Pass
NVNT	be160 484@130 SISO	6025	Ant12	-1.88	0	-1.88	-5	-6.88	24	Pass
NVNT	be160 484@130 SISO	6025	Ant13	-3.2	0	-3.2	-5	-8.2	24	Pass
NVNT	be160 484@130 MIMO	6025	Ant12	-1.88	0	-1.88	-5	-6.88	24	Pass
NVNT	be160 484@130 MIMO	6025	Ant13	-3.18	0	-3.18	-5	-8.18	24	Pass
NVNT	be160 484@130 MIMO	6025	Sum					-4.47	24	Pass
NVNT	be160 484@130 SISO	6985	Ant12	6.8	0	6.8	-5	1.8	24	Pass
NVNT	be160 484@130 SISO	6985	Ant13	6.69	0	6.69	-5	1.69	24	Pass
NVNT	be160 484@130 MIMO	6985	Ant12	6.8	0	6.8	-5	1.8	24	Pass
NVNT	be160 484@130 MIMO	6985	Ant13	6.68	0	6.68	-5	1.68	24	Pass
NVNT	be160 484@130 MIMO	6985	Sum					4.75	24	Pass
NVNT	be160 996@134 SISO	6025	Ant12	0.54	0	0.54	-5	-4.46	24	Pass
NVNT	be160 996@134 SISO	6025	Ant13	-0.97	0	-0.97	-5	-5.97	24	Pass

NVNT	be160 996@134 MIMO	6025	Ant12	0.47	0	0.47	-5	-4.53	24	Pass
NVNT	be160 996@134 MIMO	6025	Ant13	-0.96	0	-0.96	-5	-5.96	24	Pass
NVNT	be160 996@134 MIMO	6025	Sum					-2.18	24	Pass
NVNT	be160 996@134 SISO	6985	Ant12	6.48	0	6.48	-5	1.48	24	Pass
NVNT	be160 996@134 SISO	6985	Ant13	6.42	0	6.42	-5	1.42	24	Pass
NVNT	be160 996@134 MIMO	6985	Ant12	6.48	0	6.48	-5	1.48	24	Pass
NVNT	be160 996@134 MIMO	6985	Ant13	6.47	0	6.47	-5	1.47	24	Pass
NVNT	be160 996@134 MIMO	6985	Sum					4.49	24	Pass
NVNT	be320 26@0 SISO	6105	Ant12	-15.28	0	-15.28	-5	-20.28	24	Pass
NVNT	be320 26@0 SISO	6105	Ant13	-15.87	0	-15.87	-5	-20.87	24	Pass
NVNT	be320 26@0 MIMO	6105	Ant12	-15.27	0	-15.27	-5	-20.27	24	Pass
NVNT	be320 26@0 MIMO	6105	Ant13	-15.76	0	-15.76	-5	-20.76	24	Pass
NVNT	be320 26@0 MIMO	6105	Sum					-17.5	24	Pass

NVNT	be320 52@74 MIMO	6105	Ant12	-12.18	0	-12.18	-5	-17.18	24	Pass
NVNT	be320 52@74 MIMO	6105	Ant13	-12.79	0	-12.79	-5	-17.79	24	Pass
NVNT	be320 52@74 MIMO	6105	Sum					-14.46	24	Pass
NVNT	be320 106@106 MIMO	6105	Ant12	-9.21	0	-9.21	-5	-14.21	24	Pass
NVNT	be320 106@106 MIMO	6105	Ant13	-9.67	0	-9.67	-5	-14.67	24	Pass
NVNT	be320 106@106 MIMO	6105	Sum					-11.42	24	Pass
NVNT	be320 242@122 MIMO	6105	Ant12	-6.13	0	-6.13	-5	-11.13	24	Pass
NVNT	be320 242@122 MIMO	6105	Ant13	-6.71	0	-6.71	-5	-11.71	24	Pass
NVNT	be320 242@122 MIMO	6105	Sum					-8.4	24	Pass
NVNT	be320 484@130 MIMO	6105	Ant12	-3.04	0	-3.04	-5	-8.04	24	Pass
NVNT	be320 484@130 MIMO	6105	Ant13	-3.56	0	-3.56	-5	-8.56	24	Pass
NVNT	be320 484@130 MIMO	6105	Sum					-5.28	24	Pass
NVNT	be320 996@134 MIMO	6105	Ant12	-0.97	0	-0.97	-5	-5.97	24	Pass

NVNT	be320 996@134 MIMO	6105	Ant13	-1.9	0	-1.9	-5	-6.9	24	Pass
NVNT	be320 996@134 MIMO	6105	Sum					-3.4	24	Pass
NVNT	be320 1932@136 MIMO	6105	Ant12	-1.05	0	-1.05	-5	-6.05	24	Pass
NVNT	be320 1932@136 MIMO	6105	Ant13	-1.95	0	-1.95	-5	-6.95	24	Pass
NVNT	be320 1932@136 MIMO	6105	Sum					-3.47	24	Pass

A.3.Occupied Bandwidth and Emission Bandwidth

a. Emission Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	ax20 SISO	5955	Ant12	23.20
NVNT	ax20 SISO	6175	Ant12	23.01
NVNT	ax20 SISO	6415	Ant12	22.83
NVNT	ax20 SISO	6535	Ant12	23.25
NVNT	ax20 SISO	6695	Ant12	23.13
NVNT	ax20 SISO	6855	Ant12	22.76
NVNT	ax20 SISO	5955	Ant13	23.41
NVNT	ax20 SISO	6175	Ant13	22.80
NVNT	ax20 SISO	6415	Ant13	22.65
NVNT	ax20 SISO	6535	Ant13	22.88
NVNT	ax20 SISO	6695	Ant13	23.47
NVNT	ax20 SISO	6855	Ant13	23.00
NVNT	ax20 SISO	6435	Ant12	23.13
NVNT	ax20 SISO	6475	Ant12	23.06
NVNT	ax20 SISO	6515	Ant12	22.79
NVNT	ax20 SISO	6875	Ant12	22.85
NVNT	ax20 SISO	6995	Ant12	22.73
NVNT	ax20 SISO	7115	Ant12	23.30
NVNT	ax20 SISO	6435	Ant13	23.18
NVNT	ax20 SISO	6475	Ant13	22.74
NVNT	ax20 SISO	6515	Ant13	22.90
NVNT	ax20 SISO	6875	Ant13	23.06
NVNT	ax20 SISO	6995	Ant13	23.15
NVNT	ax20 SISO	7115	Ant13	23.45
NVNT	ax40 SISO	5965	Ant12	44.37
NVNT	ax40 SISO	6205	Ant12	44.21
NVNT	ax40 SISO	6405	Ant12	43.56
NVNT	ax40 SISO	6565	Ant12	43.77
NVNT	ax40 SISO	6685	Ant12	43.74
NVNT	ax40 SISO	6845	Ant12	43.60
NVNT	ax40 SISO	5965	Ant13	44.41
NVNT	ax40 SISO	6205	Ant13	43.93
NVNT	ax40 SISO	6405	Ant13	44.12

NVNT	ax40 SISO	6565	Ant13	45.13
NVNT	ax40 SISO	6685	Ant13	43.17
NVNT	ax40 SISO	6845	Ant13	42.85
NVNT	ax40 SISO	6445	Ant12	43.99
NVNT	ax40 SISO	6485	Ant12	43.43
NVNT	ax40 SISO	6885	Ant12	44.52
NVNT	ax40 SISO	6965	Ant12	44.43
NVNT	ax40 SISO	7085	Ant12	43.74
NVNT	ax40 SISO	6445	Ant13	43.73
NVNT	ax40 SISO	6485	Ant13	44.43
NVNT	ax40 SISO	6885	Ant13	43.62
NVNT	ax40 SISO	6965	Ant13	42.91
NVNT	ax40 SISO	7085	Ant13	45.04
NVNT	ax80 SISO	5985	Ant12	89.92
NVNT	ax80 SISO	6225	Ant12	90.73
NVNT	ax80 SISO	6385	Ant12	91.07
NVNT	ax80 SISO	6625	Ant12	92.26
NVNT	ax80 SISO	6705	Ant12	90.73
NVNT	ax80 SISO	6785	Ant12	92.11
NVNT	ax80 SISO	5985	Ant13	92.98
NVNT	ax80 SISO	6225	Ant13	93.28
NVNT	ax80 SISO	6385	Ant13	92.17
NVNT	ax80 SISO	6625	Ant13	91.06
NVNT	ax80 SISO	6705	Ant13	91.21
NVNT	ax80 SISO	6785	Ant13	93.32
NVNT	ax80 SISO	6465	Ant12	89.68
NVNT	ax80 SISO	6945	Ant12	90.18
NVNT	ax80 SISO	7025	Ant12	93.06
NVNT	ax80 SISO	6465	Ant13	92.42
NVNT	ax80 SISO	6945	Ant13	92.16
NVNT	ax80 SISO	7025	Ant13	92.02
NVNT	ax160 SISO	6025	Ant12	175.1
NVNT	ax160 SISO	6185	Ant12	176.7
NVNT	ax160 SISO	6345	Ant12	175.7
NVNT	ax160 SISO	6665	Ant12	174.1
NVNT	ax160 SISO	6025	Ant13	176.2
NVNT	ax160 SISO	6185	Ant13	174.4
NVNT	ax160 SISO	6345	Ant13	177.4

NVNT	ax160 SISO	6665	Ant13	174.6
NVNT	ax160 SISO	6985	Ant12	177.5
NVNT	ax160 SISO	6985	Ant13	176.3
NVNT	be20 SISO	5955	Ant12	22.79
NVNT	be20 SISO	6175	Ant12	23.12
NVNT	be20 SISO	6415	Ant12	22.91
NVNT	be20 SISO	6535	Ant12	23.32
NVNT	be20 SISO	6695	Ant12	23.39
NVNT	be20 SISO	6855	Ant12	22.95
NVNT	be20 SISO	5955	Ant13	23.02
NVNT	be20 SISO	6175	Ant13	23.26
NVNT	be20 SISO	6415	Ant13	22.88
NVNT	be20 SISO	6535	Ant13	23.02
NVNT	be20 SISO	6695	Ant13	23.46
NVNT	be20 SISO	6855	Ant13	22.70
NVNT	be20 SISO	6435	Ant12	23.07
NVNT	be20 SISO	6475	Ant12	23.26
NVNT	be20 SISO	6515	Ant12	22.86
NVNT	be20 SISO	6875	Ant12	23.28
NVNT	be20 SISO	6995	Ant12	23.45
NVNT	be20 SISO	7115	Ant12	23.32
NVNT	be20 SISO	6435	Ant13	22.51
NVNT	be20 SISO	6475	Ant13	23.04
NVNT	be20 SISO	6515	Ant13	22.74
NVNT	be20 SISO	6875	Ant13	23.48
NVNT	be20 SISO	6995	Ant13	23.27
NVNT	be20 SISO	7115	Ant13	23.47
NVNT	be40 SISO	5965	Ant12	43.54
NVNT	be40 SISO	6205	Ant12	43.66
NVNT	be40 SISO	6405	Ant12	44.82
NVNT	be40 SISO	6565	Ant12	43.48
NVNT	be40 SISO	6685	Ant12	43.67
NVNT	be40 SISO	6845	Ant12	43.82
NVNT	be40 SISO	5965	Ant13	43.55
NVNT	be40 SISO	6205	Ant13	44.22
NVNT	be40 SISO	6405	Ant13	43.83
NVNT	be40 SISO	6565	Ant13	43.55
NVNT	be40 SISO	6685	Ant13	44.16

NVNT	be40 SISO	6845	Ant13	44.64
NVNT	be40 SISO	6445	Ant12	43.86
NVNT	be40 SISO	6485	Ant12	44.61
NVNT	be40 SISO	6885	Ant12	44.70
NVNT	be40 SISO	6965	Ant12	43.74
NVNT	be40 SISO	7085	Ant12	44.22
NVNT	be40 SISO	6445	Ant13	45.64
NVNT	be40 SISO	6485	Ant13	44.29
NVNT	be40 SISO	6885	Ant13	44.31
NVNT	be40 SISO	6965	Ant13	44.17
NVNT	be40 SISO	7085	Ant13	44.42
NVNT	be80 SISO	5985	Ant12	90.20
NVNT	be80 SISO	6225	Ant12	91.97
NVNT	be80 SISO	6385	Ant12	92.85
NVNT	be80 SISO	6625	Ant12	90.10
NVNT	be80 SISO	6705	Ant12	92.86
NVNT	be80 SISO	6785	Ant12	94.47
NVNT	be80 SISO	5985	Ant13	91.79
NVNT	be80 SISO	6225	Ant13	92.73
NVNT	be80 SISO	6385	Ant13	90.22
NVNT	be80 SISO	6625	Ant13	92.01
NVNT	be80 SISO	6705	Ant13	93.35
NVNT	be80 SISO	6785	Ant13	90.93
NVNT	be80 SISO	6465	Ant12	92.01
NVNT	be80 SISO	6945	Ant12	93.39
NVNT	be80 SISO	7025	Ant12	90.23
NVNT	be80 SISO	6465	Ant13	93.69
NVNT	be80 SISO	6945	Ant13	93.33
NVNT	be80 SISO	7025	Ant13	92.18
NVNT	be160 SISO	6025	Ant12	177.00
NVNT	be160 SISO	6185	Ant12	173.6
NVNT	be160 SISO	6345	Ant12	179.7
NVNT	be160 SISO	6665	Ant12	173.9
NVNT	be160 SISO	6025	Ant13	177.8
NVNT	be160 SISO	6185	Ant13	177.4
NVNT	be160 SISO	6345	Ant13	174.40
NVNT	be160 SISO	6665	Ant13	177.1
NVNT	be160 SISO	6985	Ant12	176.9

NVNT	be160 SISO	6985	Ant13	178.5
NVNT	be320 SISO	6105	Ant12	333.5
NVNT	be320 SISO	6745	Ant12	335.00
NVNT	be320 SISO	6105	Ant13	335.8
NVNT	be320 SISO	6745	Ant13	334.40
NVNT	be320 SISO	6425	Ant12	332.5
NVNT	be320 SISO	6905	Ant12	333.6
NVNT	be320 SISO	6425	Ant13	334.0
NVNT	be320 SISO	6905	Ant13	335.5
NVNT	ax20 26@0 SISO	5955	Ant12	19.71
NVNT	ax20 26@0 SISO	6175	Ant12	20.42
NVNT	ax20 26@0 SISO	6415	Ant12	19.87
NVNT	ax20 26@0 SISO	6535	Ant12	20.48
NVNT	ax20 26@0 SISO	6695	Ant12	20.43
NVNT	ax20 26@0 SISO	6855	Ant12	20.48
NVNT	ax20 26@0 SISO	5955	Ant13	20.66
NVNT	ax20 26@0 SISO	6175	Ant13	20.85
NVNT	ax20 26@0 SISO	6415	Ant13	18.89
NVNT	ax20 26@0 SISO	6535	Ant13	20.53
NVNT	ax20 26@0 SISO	6695	Ant13	20.48
NVNT	ax20 26@0 SISO	6855	Ant13	20.60
NVNT	ax20 26@0 SISO	6435	Ant12	19.63
NVNT	ax20 26@0 SISO	6475	Ant12	20.62
NVNT	ax20 26@0 SISO	6515	Ant12	20.37
NVNT	ax20 26@0 SISO	6875	Ant12	20.03
NVNT	ax20 26@0 SISO	6995	Ant12	20.28
NVNT	ax20 26@0 SISO	7115	Ant12	20.73
NVNT	ax20 52@37 SISO	5955	Ant12	21.01
NVNT	ax20 52@37 SISO	6175	Ant12	20.92
NVNT	ax20 52@37 SISO	6415	Ant12	20.88
NVNT	ax20 52@37 SISO	6535	Ant12	20.50
NVNT	ax20 52@37 SISO	6695	Ant12	20.72
NVNT	ax20 52@37 SISO	6855	Ant12	20.96
NVNT	ax20 52@37 SISO	5955	Ant13	20.37
NVNT	ax20 52@37 SISO	6175	Ant13	20.37
NVNT	ax20 52@37 SISO	6415	Ant13	20.61
NVNT	ax20 52@37 SISO	6535	Ant13	20.52
NVNT	ax20 52@37 SISO	6695	Ant13	20.87

NVNT	ax20 52@37 SISO	6855	Ant13	20.75
NVNT	ax20 52@37 SISO	6435	Ant12	20.42
NVNT	ax20 52@37 SISO	6475	Ant12	20.62
NVNT	ax20 52@37 SISO	6515	Ant12	19.94
NVNT	ax20 52@37 SISO	6875	Ant12	20.97
NVNT	ax20 52@37 SISO	6995	Ant12	20.91
NVNT	ax20 52@37 SISO	7115	Ant12	20.89
NVNT	ax20 106@53 SISO	5955	Ant12	21.11
NVNT	ax20 106@53 SISO	6175	Ant12	21.62
NVNT	ax20 106@53 SISO	6415	Ant12	21.48
NVNT	ax20 106@53 SISO	6535	Ant12	20.84
NVNT	ax20 106@53 SISO	6695	Ant12	21.41
NVNT	ax20 106@53 SISO	6855	Ant12	21.69
NVNT	ax20 106@53 SISO	5955	Ant13	20.97
NVNT	ax20 106@53 SISO	6175	Ant13	21.62
NVNT	ax20 106@53 SISO	6415	Ant13	20.11
NVNT	ax20 106@53 SISO	6535	Ant13	21.33
NVNT	ax20 106@53 SISO	6695	Ant13	21.36
NVNT	ax20 106@53 SISO	6855	Ant13	21.02
NVNT	ax20 106@53 SISO	6435	Ant12	20.42
NVNT	ax20 106@53 SISO	6475	Ant12	20.61
NVNT	ax20 106@53 SISO	6515	Ant12	20.88
NVNT	ax20 106@53 SISO	6875	Ant12	21.40
NVNT	ax20 106@53 SISO	6995	Ant12	21.31
NVNT	ax20 106@53 SISO	7115	Ant12	20.25
NVNT	ax40 26@0 SISO	5965	Ant12	21.16
NVNT	ax40 26@0 SISO	5965	Ant13	21.19
NVNT	ax40 26@0 SISO	6445	Ant12	20.77
NVNT	ax40 52@37 SISO	5965	Ant12	22.91
NVNT	ax40 52@37 SISO	5965	Ant13	22.94
NVNT	ax40 52@37 SISO	6445	Ant12	21.38
NVNT	ax40 106@53 SISO	5965	Ant12	22.02
NVNT	ax40 106@53 SISO	5965	Ant13	21.39
NVNT	ax40 106@53 SISO	6445	Ant12	21.87
NVNT	ax40 242@61 SISO	5965	Ant12	33.84
NVNT	ax40 242@61 SISO	5965	Ant13	22.57
NVNT	ax40 242@61 SISO	6445	Ant12	32.80
NVNT	ax80 26@0 SISO	5985	Ant12	27.96

NVNT	ax80 26@0 SISO	5985	Ant13	22.83
NVNT	ax80 26@0 SISO	6465	Ant12	30.93
NVNT	ax80 52@37 SISO	5985	Ant12	29.60
NVNT	ax80 52@37 SISO	5985	Ant13	24.76
NVNT	ax80 52@37 SISO	6465	Ant12	31.78
NVNT	ax80 106@53 SISO	5985	Ant12	32.43
NVNT	ax80 106@53 SISO	5985	Ant13	21.99
NVNT	ax80 106@53 SISO	6465	Ant12	32.64
NVNT	ax80 242@61 SISO	5985	Ant12	41.14
NVNT	ax80 242@61 SISO	5985	Ant13	31.47
NVNT	ax80 242@61 SISO	6465	Ant12	39.93
NVNT	ax80 484@65 SISO	5985	Ant12	70.51
NVNT	ax80 484@65 SISO	5985	Ant13	70.62
NVNT	ax80 484@65 SISO	6465	Ant12	72.58
NVNT	ax160 26@0 SISO	6025	Ant12	21.08
NVNT	ax160 26@0 SISO	6985	Ant12	35.85
NVNT	ax160 52@74 SISO	6025	Ant12	16.42
NVNT	ax160 52@74 SISO	6985	Ant12	40.95
NVNT	ax160 106@106 SISO	6025	Ant12	23.18
NVNT	ax160 106@106 SISO	6985	Ant12	44.37
NVNT	ax160 242@122 SISO	6025	Ant12	29.52
NVNT	ax160 242@122 SISO	6985	Ant12	60.59
NVNT	ax160 484@130 SISO	6025	Ant12	45.40
NVNT	ax160 484@130 SISO	6985	Ant12	71.66
NVNT	ax160 966@134 SISO	6025	Ant12	118.8
NVNT	ax160 966@134 SISO	6985	Ant12	119.9
NVNT	be20 26@0 SISO	5955	Ant12	20.01
NVNT	be20 26@0 SISO	6175	Ant12	20.12
NVNT	be20 26@0 SISO	6415	Ant12	20.40
NVNT	be20 26@0 SISO	6535	Ant12	20.36
NVNT	be20 26@0 SISO	6695	Ant12	20.32
NVNT	be20 26@0 SISO	6855	Ant12	20.15
NVNT	be20 26@0 SISO	5955	Ant13	19.97
NVNT	be20 26@0 SISO	6175	Ant13	19.96
NVNT	be20 26@0 SISO	6415	Ant13	20.32
NVNT	be20 26@0 SISO	6535	Ant13	20.06
NVNT	be20 26@0 SISO	6695	Ant13	20.10
NVNT	be20 26@0 SISO	6855	Ant13	20.29

NVNT	be20 26@0 SISO	6435	Ant12	20.07
NVNT	be20 26@0 SISO	6475	Ant12	19.95
NVNT	be20 26@0 SISO	6515	Ant12	20.21
NVNT	be20 26@0 SISO	6875	Ant12	18.47
NVNT	be20 26@0 SISO	6995	Ant12	20.24
NVNT	be20 26@0 SISO	7115	Ant12	20.33
NVNT	be20 52@37 SISO	5955	Ant12	20.23
NVNT	be20 52@37 SISO	6175	Ant12	20.77
NVNT	be20 52@37 SISO	6415	Ant12	20.29
NVNT	be20 52@37 SISO	6535	Ant12	20.32
NVNT	be20 52@37 SISO	6695	Ant12	19.09
NVNT	be20 52@37 SISO	6855	Ant12	20.49
NVNT	be20 52@37 SISO	5955	Ant13	20.69
NVNT	be20 52@37 SISO	6175	Ant13	20.79
NVNT	be20 52@37 SISO	6415	Ant13	19.50
NVNT	be20 52@37 SISO	6535	Ant13	20.15
NVNT	be20 52@37 SISO	6695	Ant13	20.40
NVNT	be20 52@37 SISO	6855	Ant13	20.34
NVNT	be20 52@37 SISO	6435	Ant12	19.81
NVNT	be20 52@37 SISO	6475	Ant12	20.23
NVNT	be20 52@37 SISO	6515	Ant12	20.63
NVNT	be20 52@37 SISO	6875	Ant12	20.45
NVNT	be20 52@37 SISO	6995	Ant12	20.12
NVNT	be20 52@37 SISO	7115	Ant12	20.35
NVNT	be20 106@53 SISO	5955	Ant12	21.02
NVNT	be20 106@53 SISO	6175	Ant12	20.69
NVNT	be20 106@53 SISO	6415	Ant12	20.47
NVNT	be20 106@53 SISO	6535	Ant12	21.03
NVNT	be20 106@53 SISO	6695	Ant12	20.38
NVNT	be20 106@53 SISO	6855	Ant12	20.18
NVNT	be20 106@53 SISO	5955	Ant13	20.73
NVNT	be20 106@53 SISO	6175	Ant13	20.71
NVNT	be20 106@53 SISO	6415	Ant13	20.64
NVNT	be20 106@53 SISO	6535	Ant13	20.25
NVNT	be20 106@53 SISO	6695	Ant13	20.44
NVNT	be20 106@53 SISO	6855	Ant13	20.49
NVNT	be20 106@53 SISO	6435	Ant12	20.54
NVNT	be20 106@53 SISO	6475	Ant12	20.24

NVNT	be20 106@53 SISO	6515	Ant12	20.35
NVNT	be20 106@53 SISO	6875	Ant12	20.55
NVNT	be20 106@53 SISO	6995	Ant12	20.44
NVNT	be20 106@53 SISO	7115	Ant12	20.90
NVNT	be40 26@0 SISO	5965	Ant12	21.16
NVNT	be40 26@0 SISO	5965	Ant13	20.35
NVNT	be40 26@0 SISO	6445	Ant12	20.41
NVNT	be40 52@37 SISO	5965	Ant12	21.52
NVNT	be40 52@37 SISO	5965	Ant13	22.13
NVNT	be40 52@37 SISO	6445	Ant12	20.93
NVNT	be40 106@53 SISO	5965	Ant12	23.19
NVNT	be40 106@53 SISO	5965	Ant13	23.90
NVNT	be40 106@53 SISO	6445	Ant12	24.05
NVNT	be40 242@61 SISO	5965	Ant12	35.63
NVNT	be40 242@61 SISO	5965	Ant13	37.63
NVNT	be40 242@61 SISO	6445	Ant13	32.29
NVNT	be80 26@0 SISO	5985	Ant12	31.19
NVNT	be80 26@0 SISO	5985	Ant13	21.02
NVNT	be80 26@0 SISO	6465	Ant12	30.79
NVNT	be80 52@37 SISO	5985	Ant12	29.90
NVNT	be80 52@37 SISO	5985	Ant13	22.18
NVNT	be80 52@37 SISO	6465	Ant12	31.19
NVNT	be80 106@53 SISO	5985	Ant12	30.86
NVNT	be80 106@53 SISO	5985	Ant13	23.22
NVNT	be80 106@53 SISO	6465	Ant12	32.92
NVNT	be80 242@61 SISO	5985	Ant12	73.18
NVNT	be80 242@61 SISO	5985	Ant13	36.13
NVNT	be80 242@61 SISO	6465	Ant12	39.14
NVNT	be80 484@65 SISO	5985	Ant12	73.10
NVNT	be80 484@65 SISO	5985	Ant13	72.80
NVNT	be80 484@65 SISO	6465	Ant12	72.28
NVNT	be160 26@0 SISO	6025	Ant12	21.89
NVNT	be160 26@0 SISO	6985	Ant12	39.69
NVNT	be160 52@74 SISO	6025	Ant12	22.07
NVNT	be160 52@74 SISO	6985	Ant12	40.78
NVNT	be160 106@106 SISO	6025	Ant12	25.68
NVNT	be160 106@106 SISO	6985	Ant12	48.18
NVNT	be160 242@122 SISO	6025	Ant12	33.40

NVNT	be160 242@122 SISO	6985	Ant12	54.39
NVNT	be160 484@130 SISO	6025	Ant12	58.94
NVNT	be160 484@130 SISO	6985	Ant12	80.45
NVNT	be160 966@134 SISO	6025	Ant12	153.5
NVNT	be160 966@134 SISO	6985	Ant12	151.3
NVNT	be320 26@0 SISO	6105	Ant12	21.44
NVNT	be20 26@8 SISO	7115	Ant12	20.94
NVNT	be20 52@40 SISO	7115	Ant12	20.30
NVNT	be20 106@54 SISO	7115	Ant12	20.18

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	be160_Puncturing 20M@1 SISO	6025	Ant12	166.6
NVNT	be160_Puncturing 20M@1 SISO	6345	Ant12	166.5
NVNT	be160_Puncturing 20M@1 SISO	6665	Ant12	165.8
NVNT	be160_Puncturing 20M@1 SISO	6985	Ant12	168.3
NVNT	be160_Puncturing 20M@4 SISO	6025	Ant12	175.6
NVNT	be160_Puncturing 20M@4 SISO	6345	Ant12	176.9
NVNT	be160_Puncturing 20M@4 SISO	6665	Ant12	180.7
NVNT	be160_Puncturing 20M@4 SISO	6985	Ant12	175.9
NVNT	be160_Puncturing 20M@8 SISO	6025	Ant12	168.4
NVNT	be160_Puncturing 20M@8 SISO	6345	Ant12	169.5
NVNT	be160_Puncturing 20M@8 SISO	6665	Ant12	176.4
NVNT	be160_Puncturing 20M@8 SISO	6985	Ant12	166.6
NVNT	be320_Puncturing 40M@1 SISO	6105	Ant12	312.9
NVNT	be320_Puncturing 40M@1	6745	Ant12	371.3

	SISO			
NVNT	be320_Puncturing 40M@1 SISO	6905	Ant12	405.3
NVNT	be320_Puncturing 40M@4 SISO	6105	Ant12	331.7
NVNT	be320_Puncturing 40M@4 SISO	6745	Ant12	332.8
NVNT	be320_Puncturing 40M@4 SISO	6905	Ant12	332.2
NVNT	be320_Puncturing 40M@8 SISO	6105	Ant12	324.1
NVNT	be320_Puncturing 40M@8 SISO	6745	Ant12	331.8
NVNT	be320_Puncturing 40M@8 SISO	6905	Ant12	402.4
NVNT	be80_Puncturing 20M@1 SISO	5985	Ant12	85.76
NVNT	be80_Puncturing 20M@1 SISO	6385	Ant12	87.71
NVNT	be80_Puncturing 20M@1 SISO	6465	Ant12	80.71
NVNT	be80_Puncturing 20M@1 SISO	6625	Ant12	84.79
NVNT	be80_Puncturing 20M@1 SISO	6785	Ant12	84.88
NVNT	be80_Puncturing 20M@1 SISO	6945	Ant12	83.53
NVNT	be80_Puncturing 20M@1 SISO	7025	Ant12	83.34
NVNT	be80_Puncturing 20M@3 SISO	5985	Ant12	93.60
NVNT	be80_Puncturing 20M@3 SISO	6385	Ant12	91.77
NVNT	be80_Puncturing 20M@3 SISO	6465	Ant12	92.08
NVNT	be80_Puncturing 20M@3 SISO	6625	Ant12	92.99
NVNT	be80_Puncturing 20M@3 SISO	6785	Ant12	93.09

NVNT	be80_Puncturing 20M@3 SISO	6945	Ant12	89.37
NVNT	be80_Puncturing 20M@3 SISO	7025	Ant12	94.40
NVNT	be80_Puncturing 20M@4 SISO	5985	Ant12	84.99
NVNT	be80_Puncturing 20M@4 SISO	6385	Ant12	85.85
NVNT	be80_Puncturing 20M@4 SISO	6465	Ant12	86.29
NVNT	be80_Puncturing 20M@4 SISO	6625	Ant12	86.46
NVNT	be80_Puncturing 20M@4 SISO	6785	Ant12	81.35
NVNT	be80_Puncturing 20M@4 SISO	6945	Ant12	88.41
NVNT	be80_Puncturing 20M@4 SISO	7025	Ant12	83.13

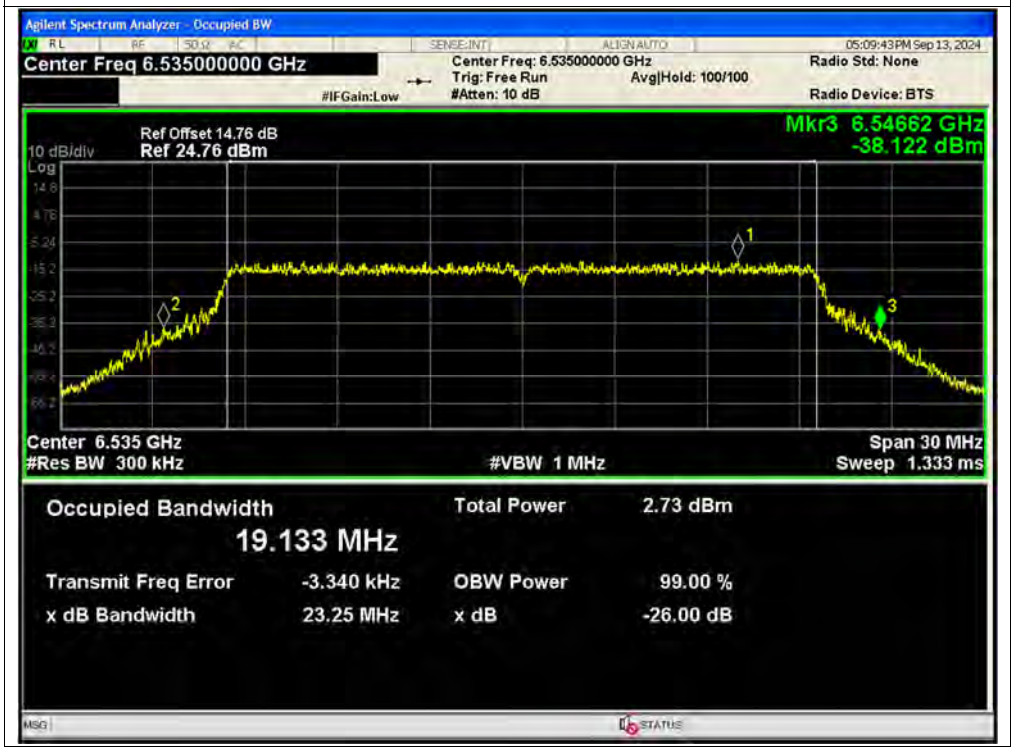
Test Graphs

-26dB Bandwidth NVNT ax20 5955MHz Ant12 SISO

-26dB Bandwidth NVNT ax20 6175MHz Ant12 SISO

-26dB Bandwidth NVNT ax20 6415MHz Ant12 SISO

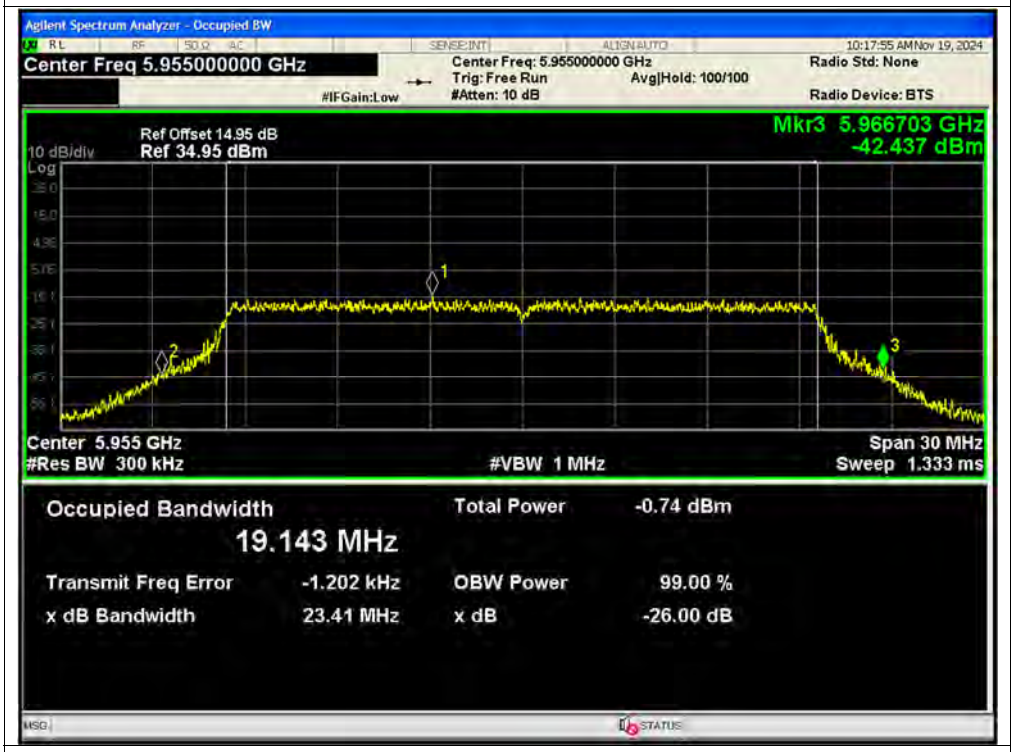
-26dB Bandwidth NVNT ax20 6535MHz Ant12 SISO



-26dB Bandwidth NVNT ax20 6695MHz Ant12 SISO

-26dB Bandwidth NVNT ax20 6855MHz Ant12 SISO

-26dB Bandwidth NVNT ax20 5955MHz Ant13 SISO



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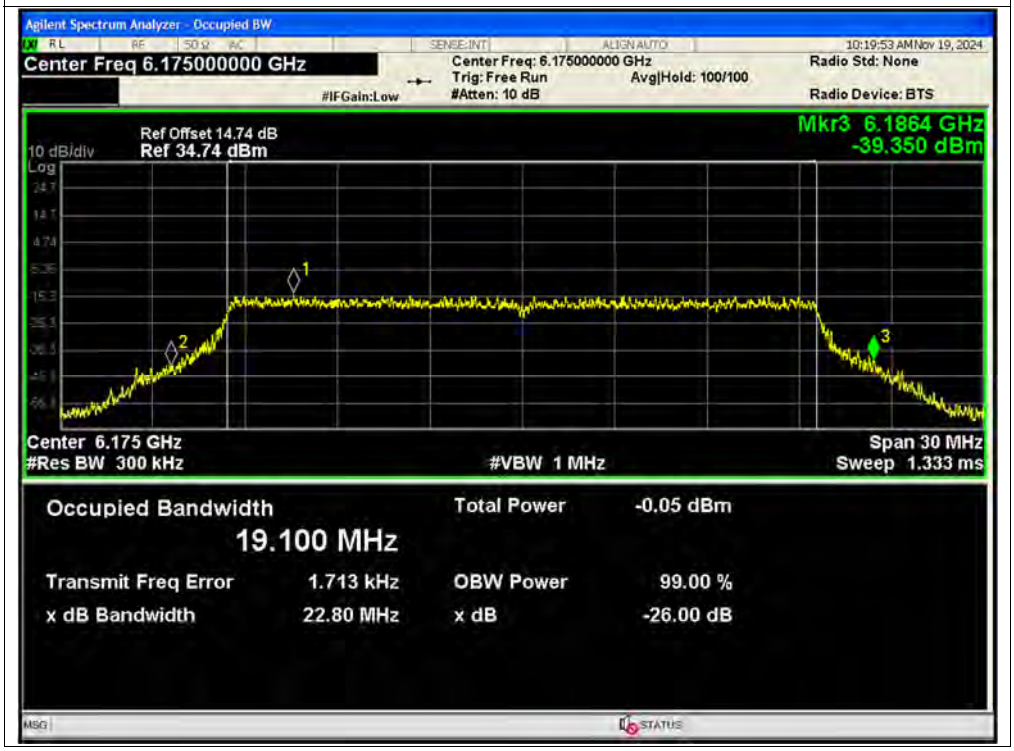

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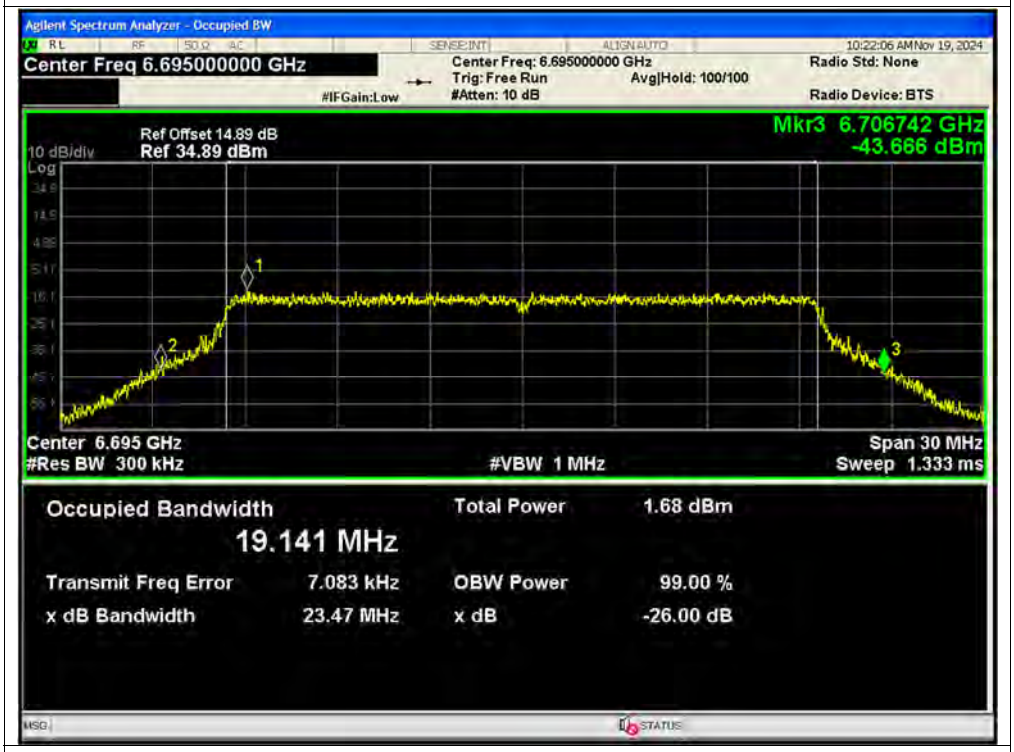
-26dB Bandwidth NVNT ax20 6535MHz Ant13 SISO

-26dB Bandwidth NVNT ax20 6695MHz Ant13 SISO



-26dB Bandwidth NVNT ax20 6855MHz Ant13 SISO

-26dB Bandwidth NVNT ax20 6435MHz Ant12 SISO

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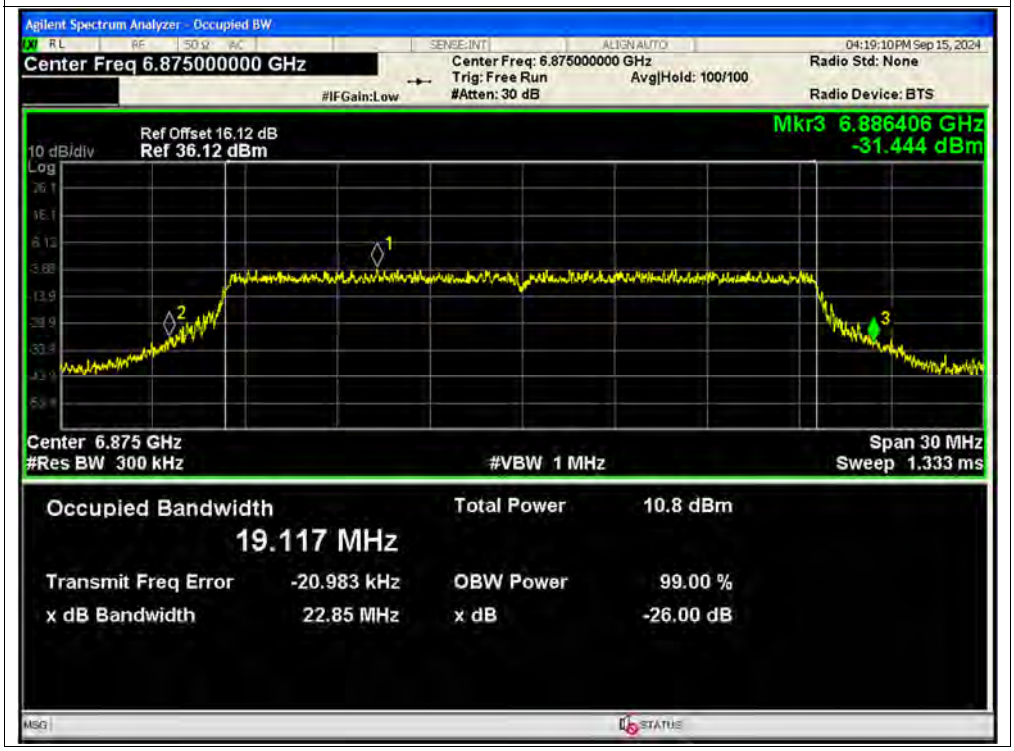

-26dB Bandwidth NVNT ax20 6995MHz Ant12 SISO

-26dB Bandwidth NVNT ax20 7115MHz Ant12 SISO

-26dB Bandwidth NVNT ax20 6435MHz Ant13 SISO

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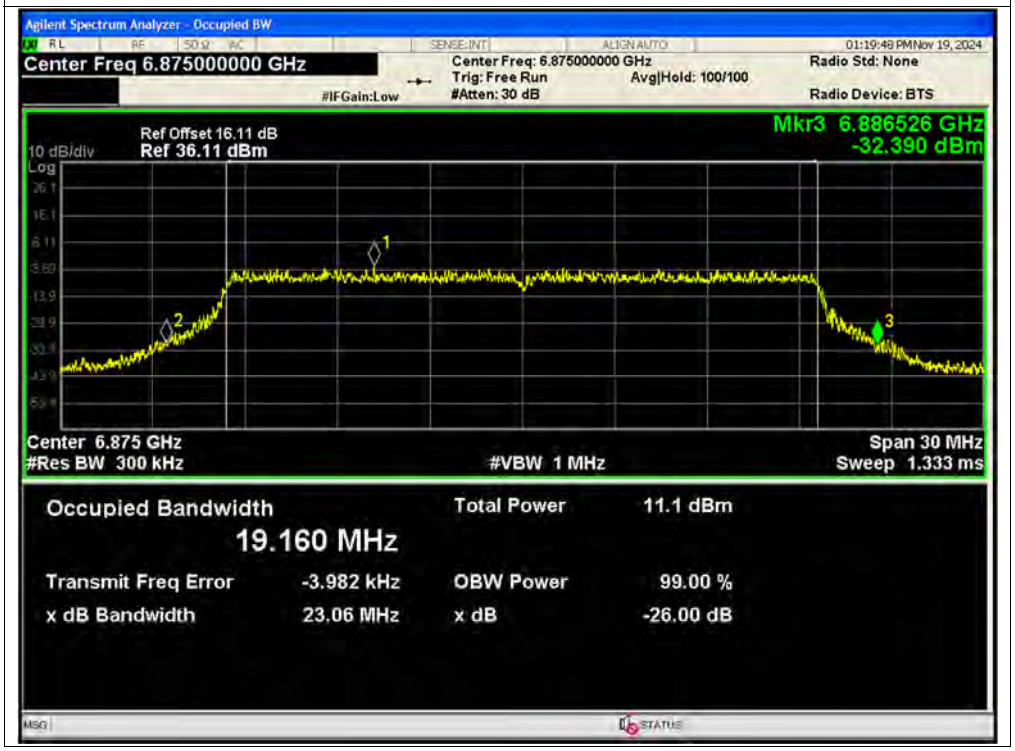

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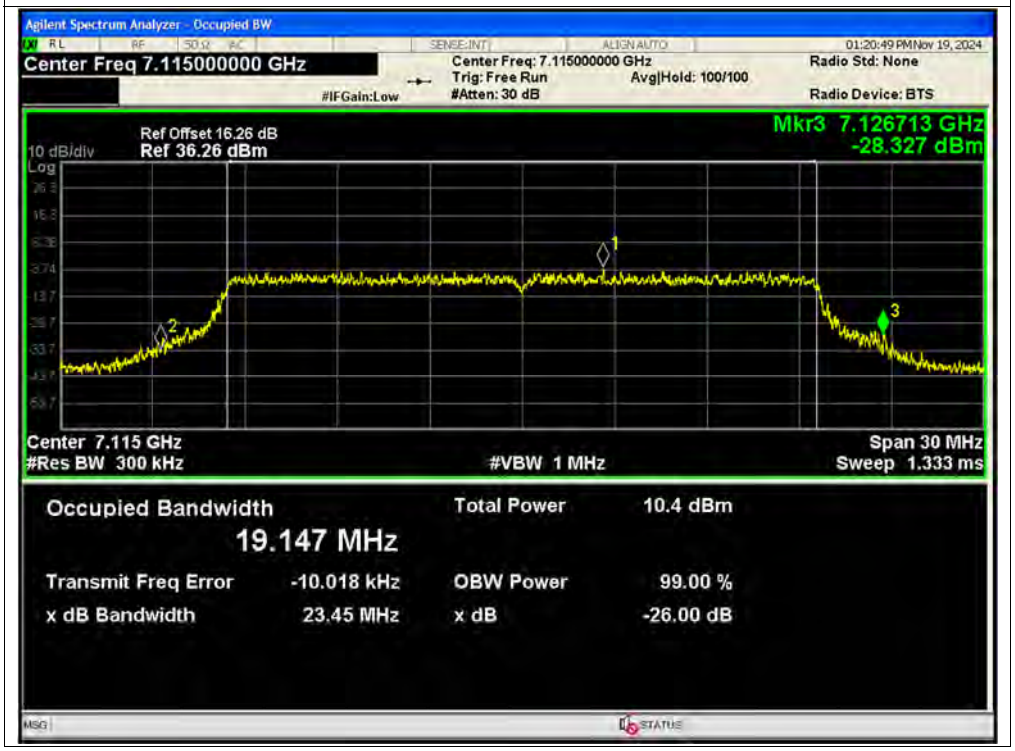

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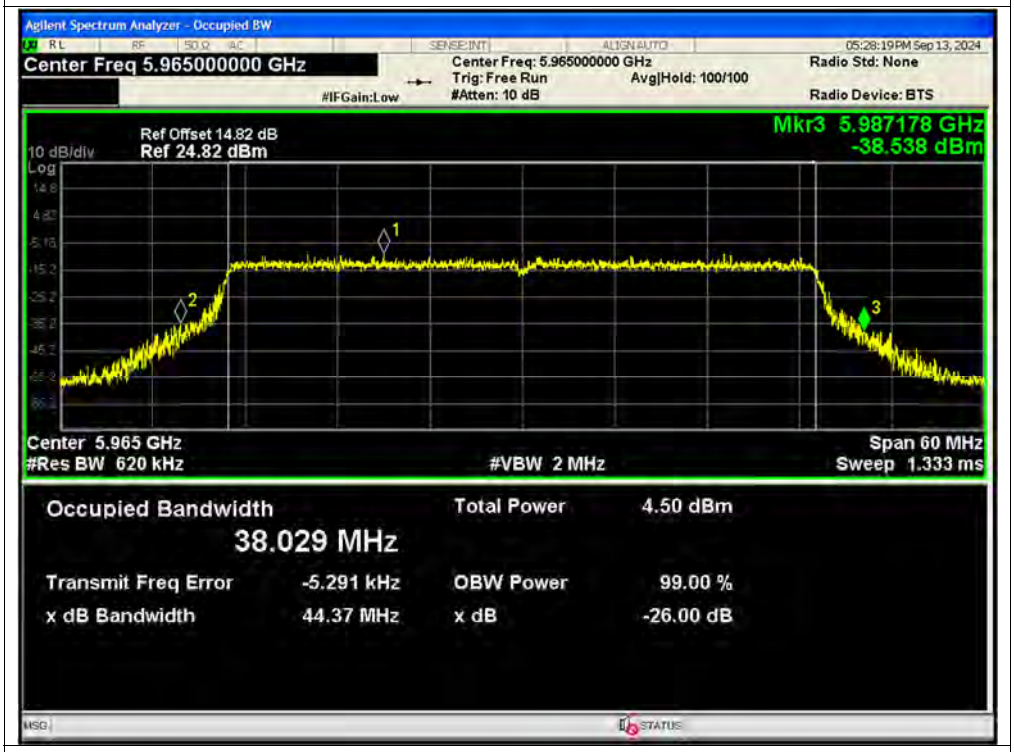

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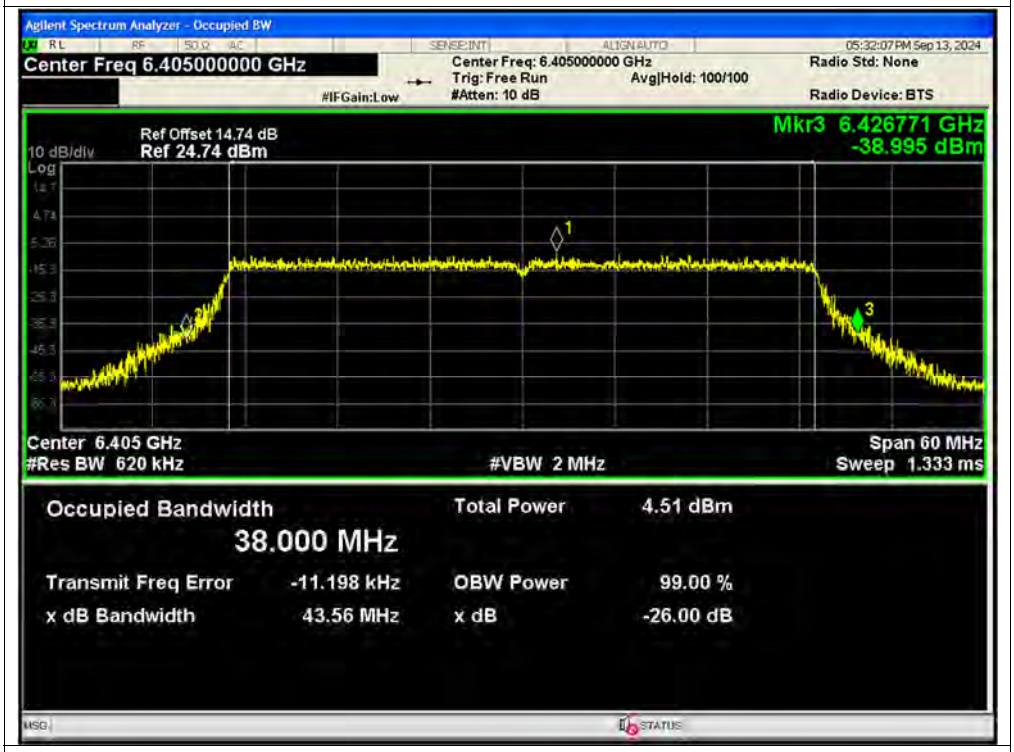

-26dB Bandwidth NVNT ax40 6565MHz Ant12 SISO

-26dB Bandwidth NVNT ax40 6685MHz Ant12 SISO

-26dB Bandwidth NVNT ax40 6845MHz Ant12 SISO

-26dB Bandwidth NVNT ax40 5965MHz Ant13 SISO

-26dB Bandwidth NVNT ax40 6205MHz Ant13 SISO

-26dB Bandwidth NVNT ax40 6405MHz Ant13 SISO

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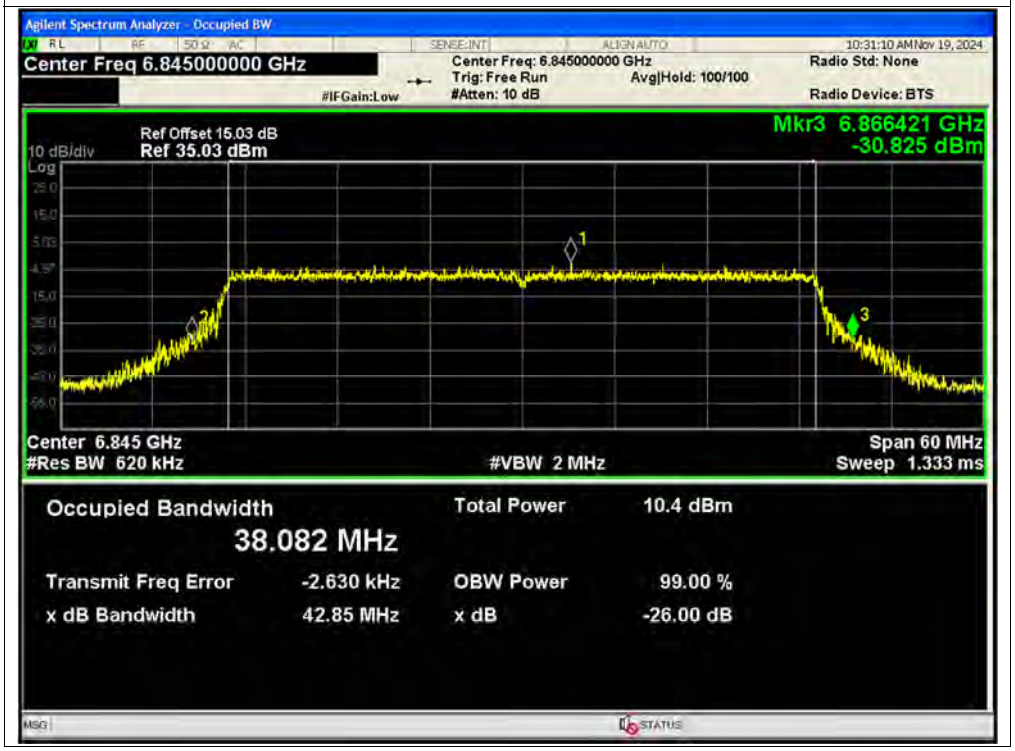

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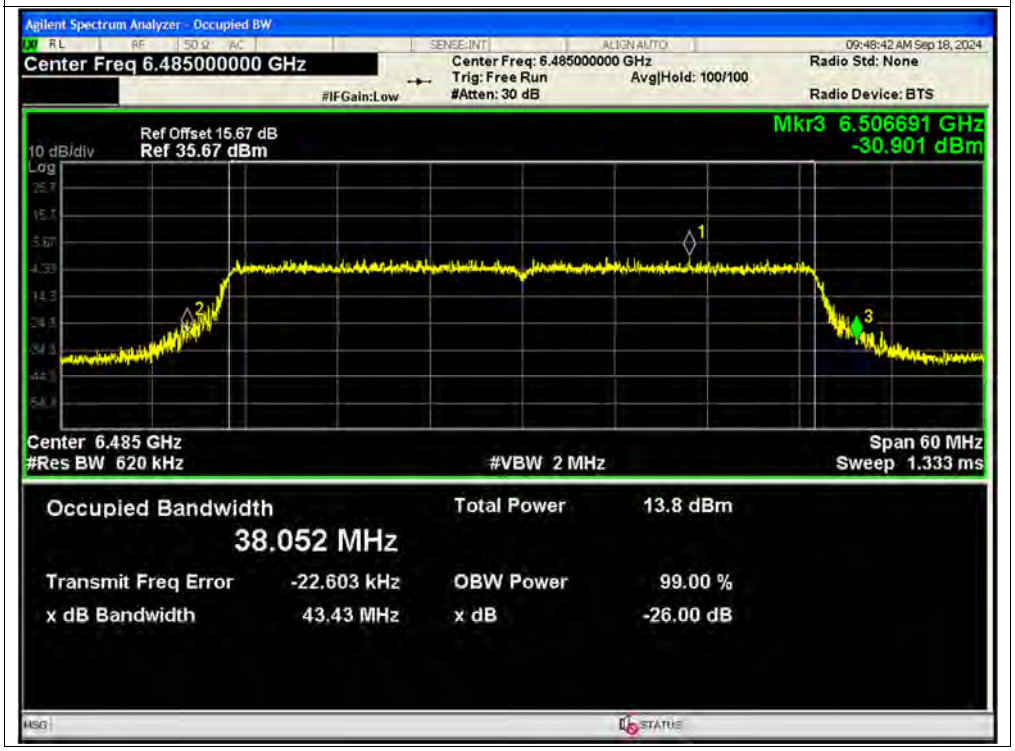

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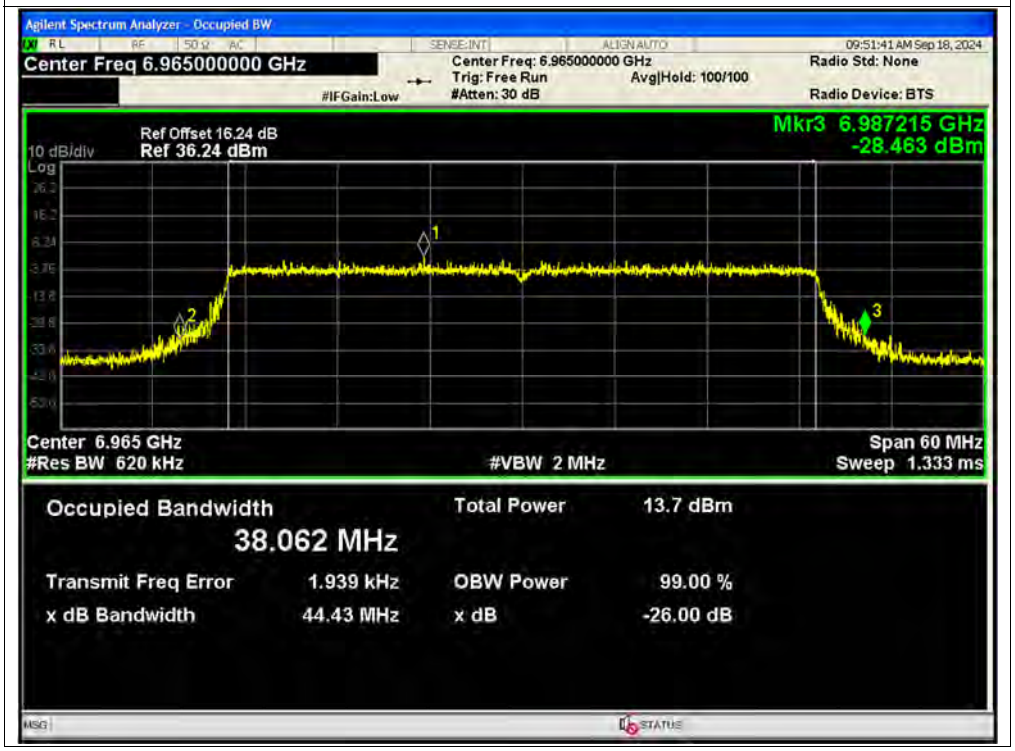
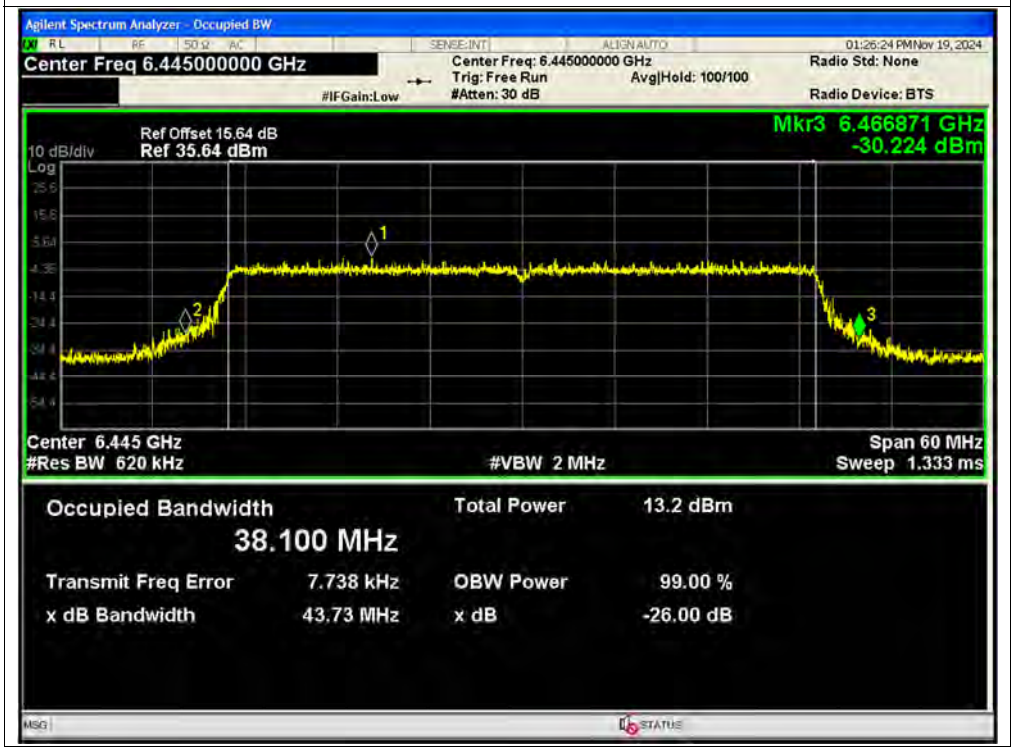


-26dB Bandwidth NVNT ax40 7085MHz Ant12 SISO

-26dB Bandwidth NVNT ax40 6445MHz Ant13 SISO



-26dB Bandwidth NVNT ax40 6485MHz Ant13 SISO

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-26dB Bandwidth NVNT ax40 7085MHz Ant13 SISO

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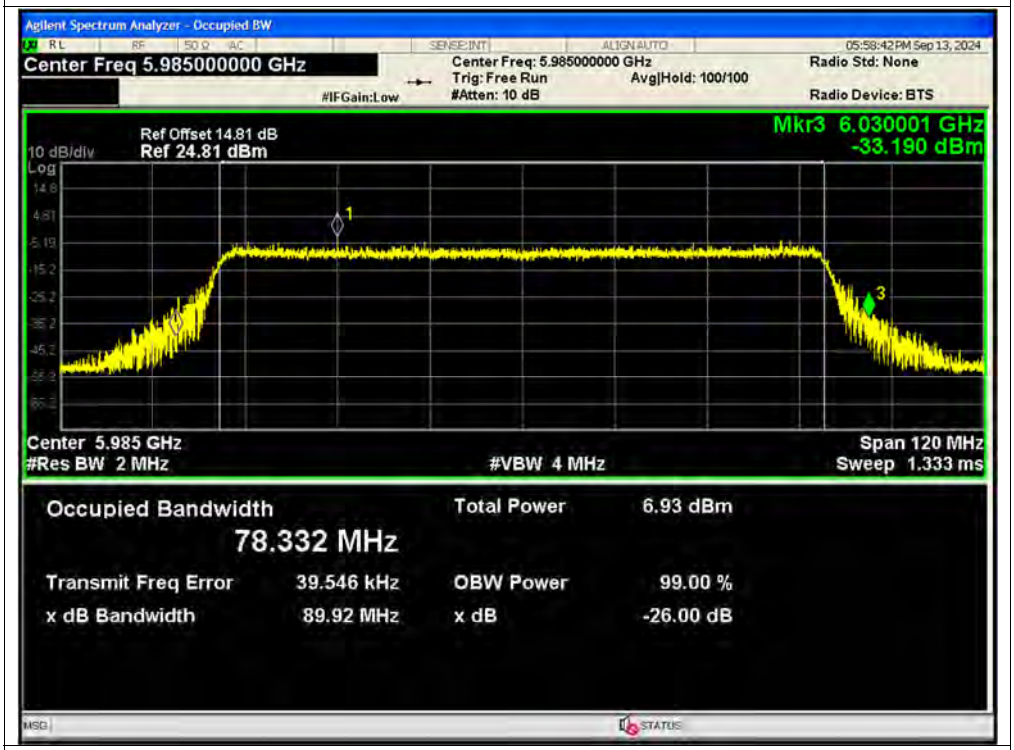
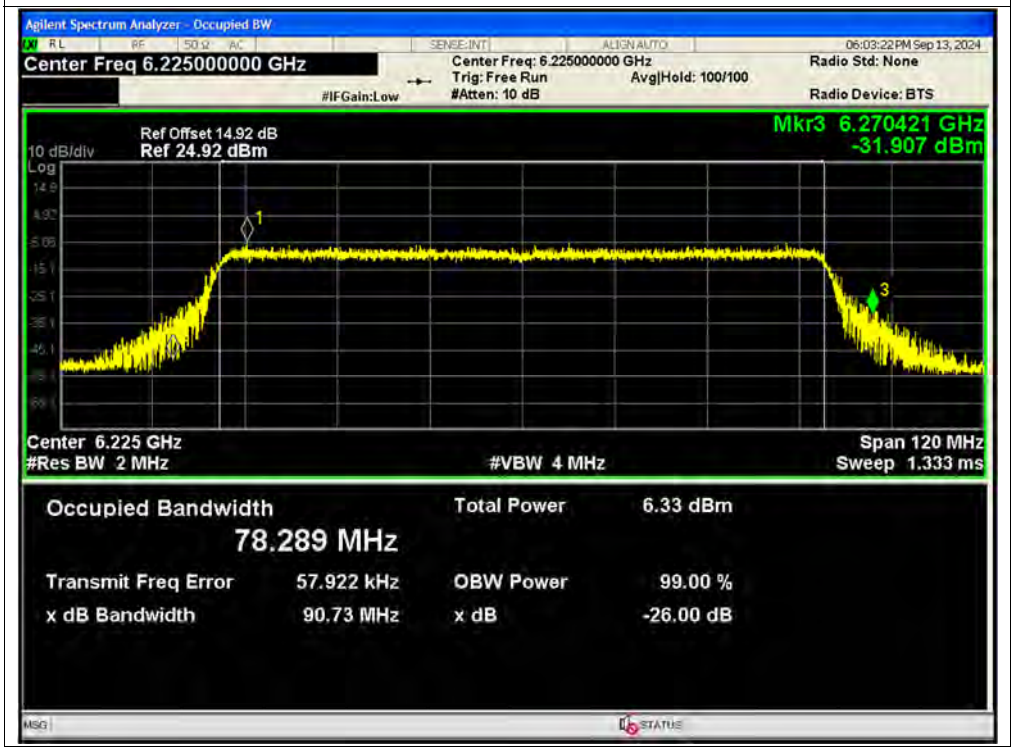
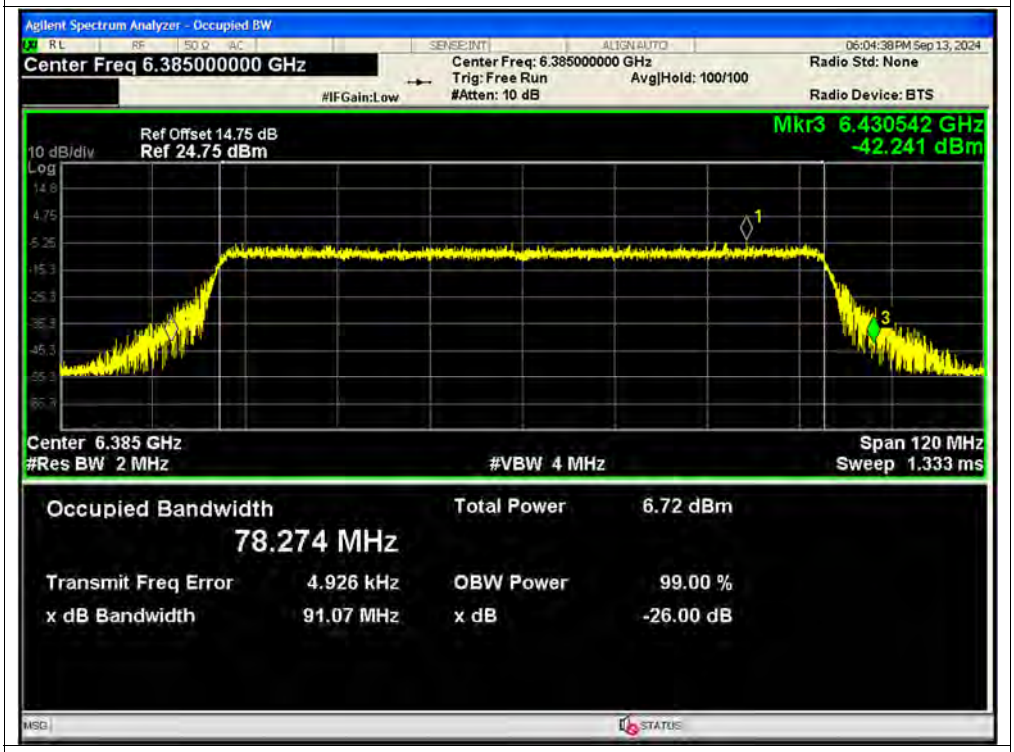


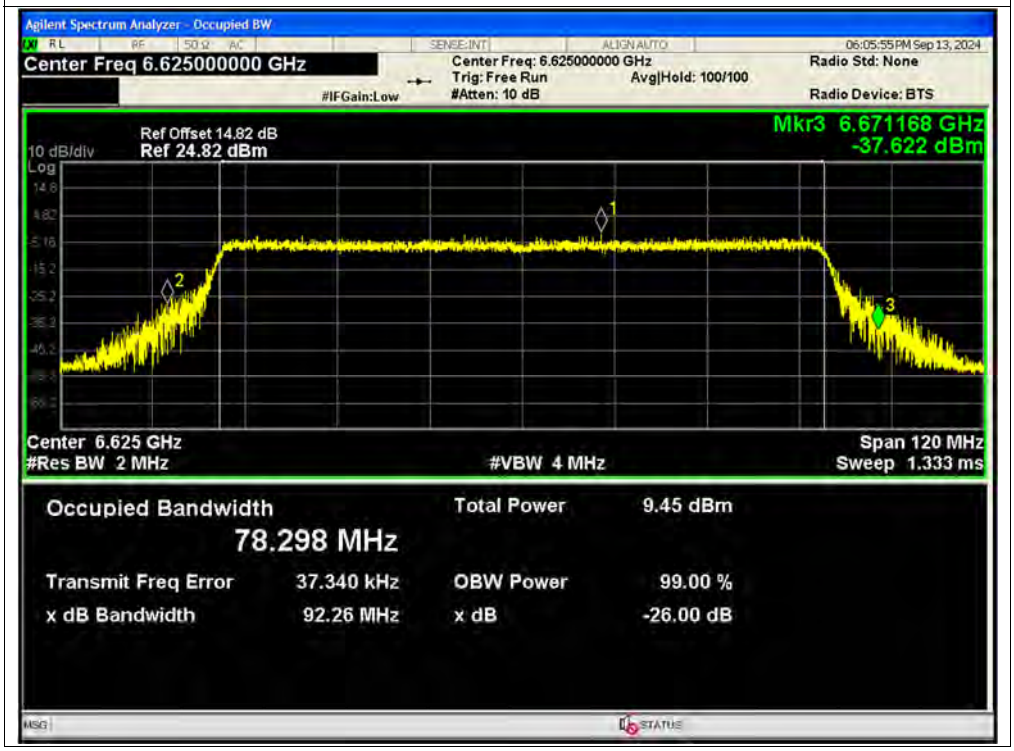
-26dB Bandwidth NVNT ax80 6225MHz Ant12 SISO



-26dB Bandwidth NVNT ax80 6385MHz Ant12 SISO



-26dB Bandwidth NVNT ax80 6625MHz Ant12 SISO



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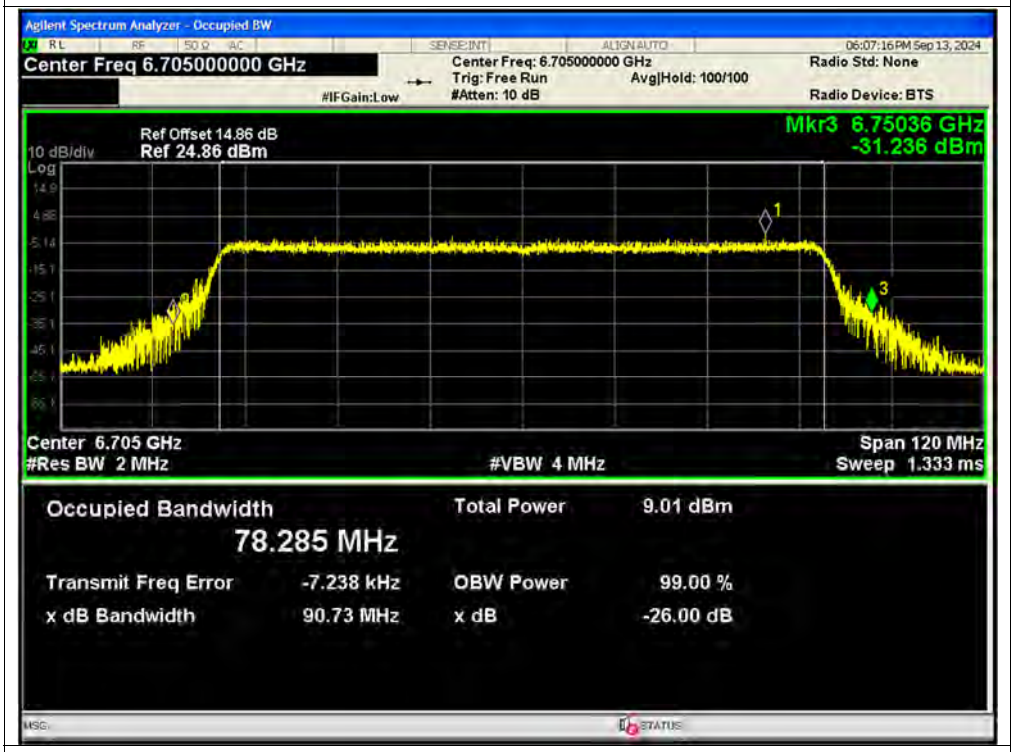

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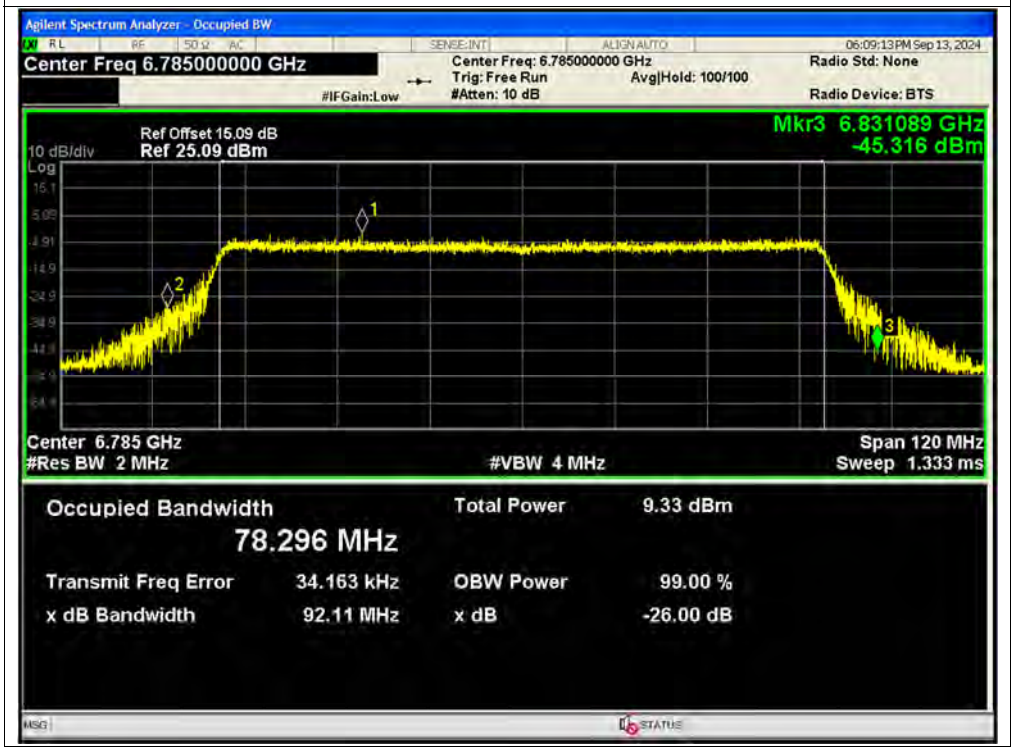
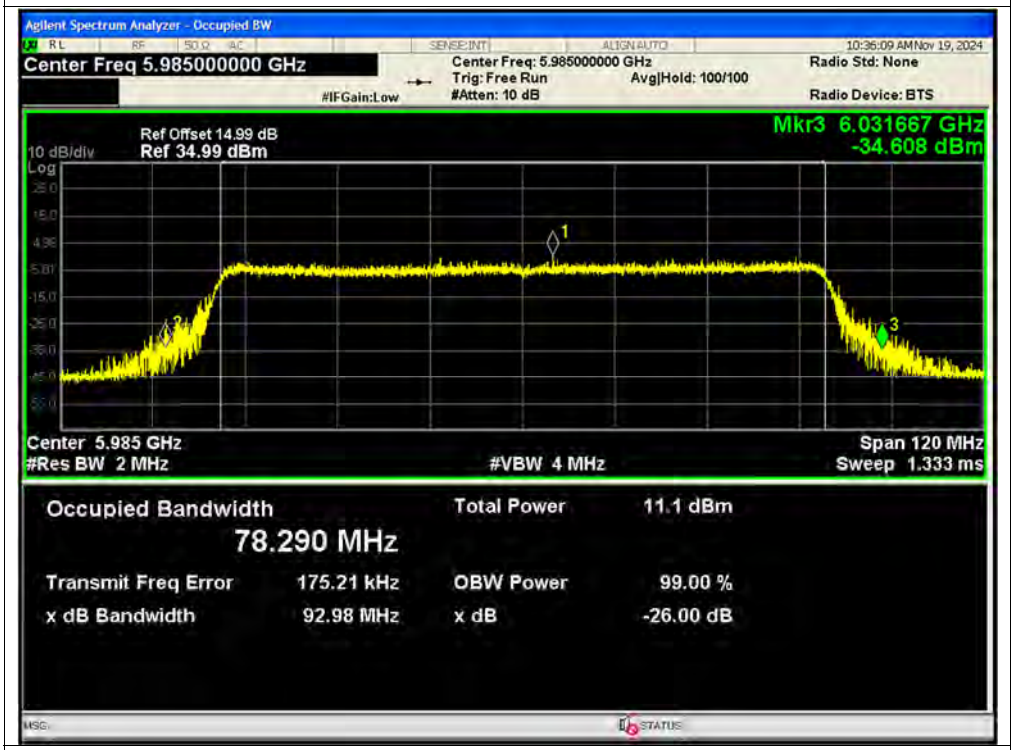
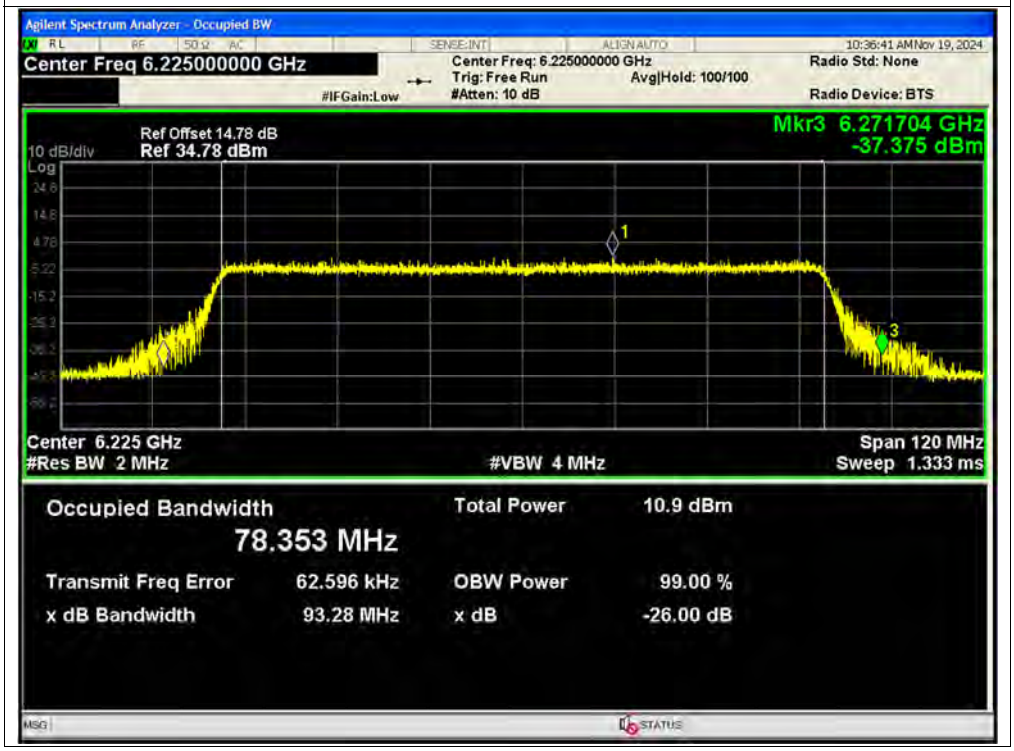


-26dB Bandwidth NVNT ax80 5985MHz Ant13 SISO



-26dB Bandwidth NVNT ax80 6225MHz Ant13 SISO



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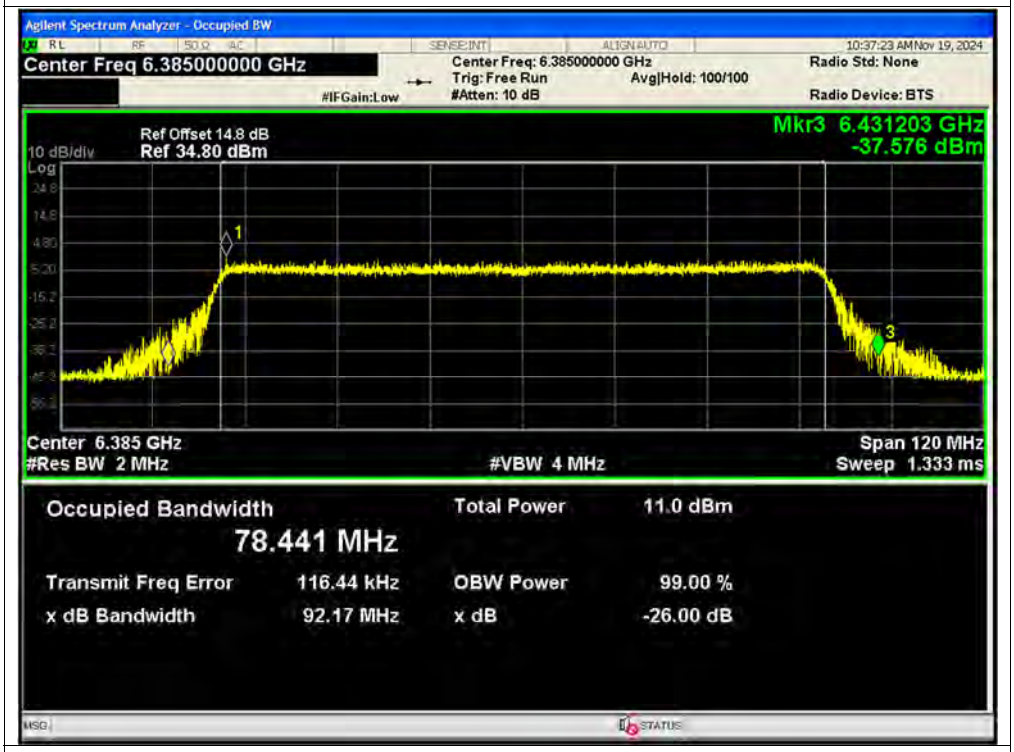
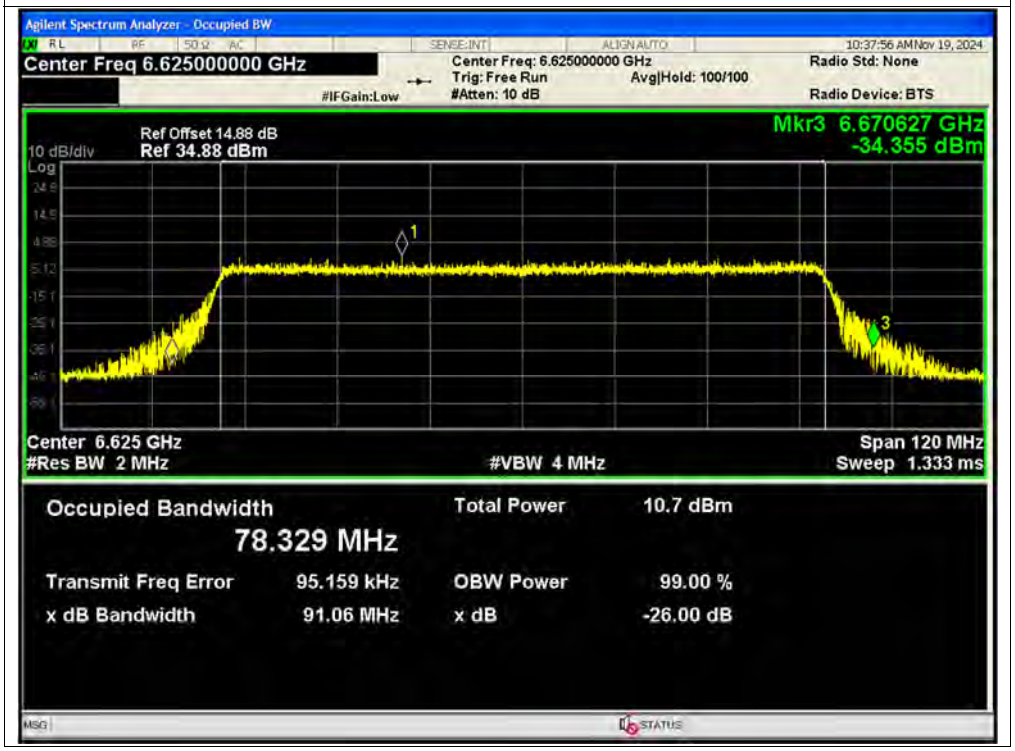


-26dB Bandwidth NVNT ax80 6625MHz Ant13 SISO



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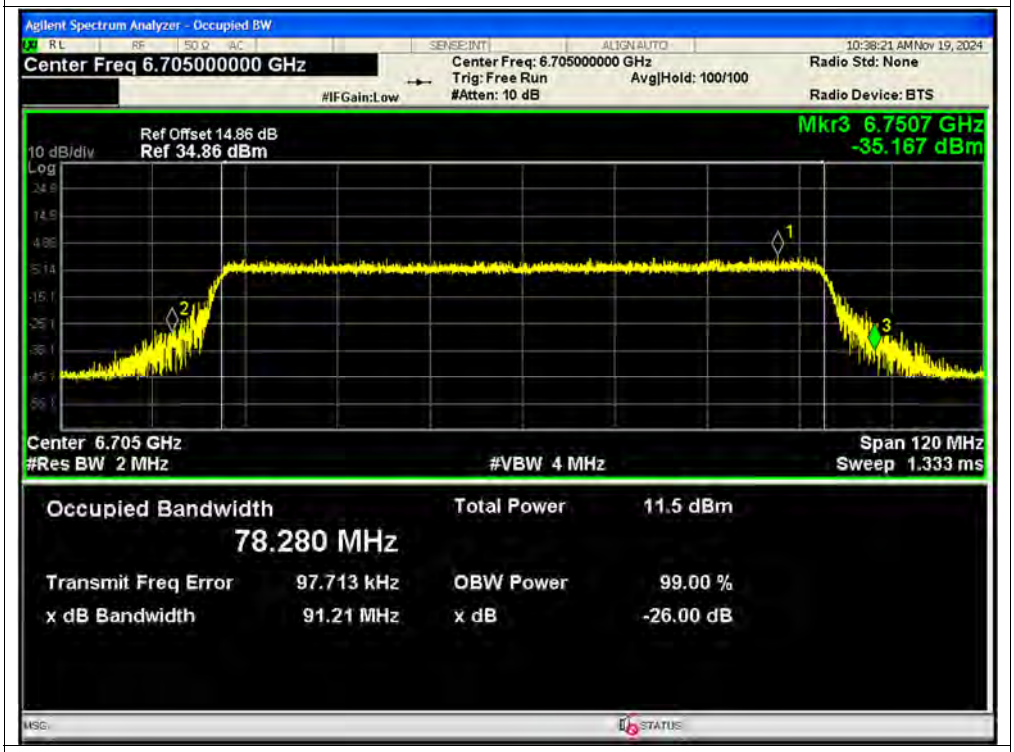
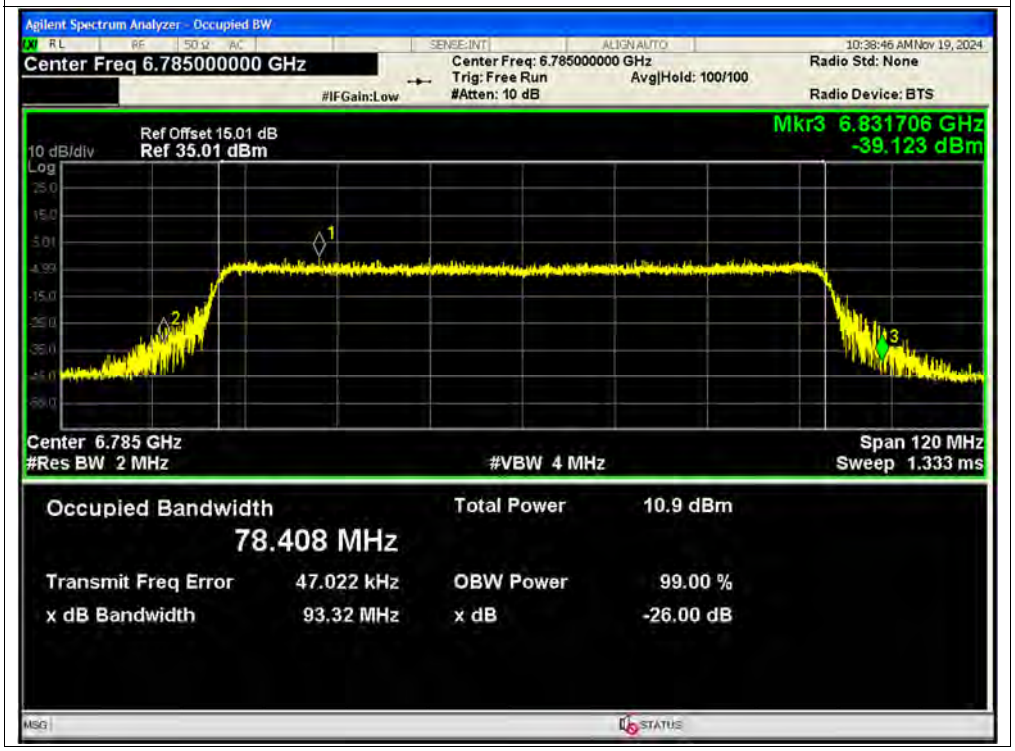
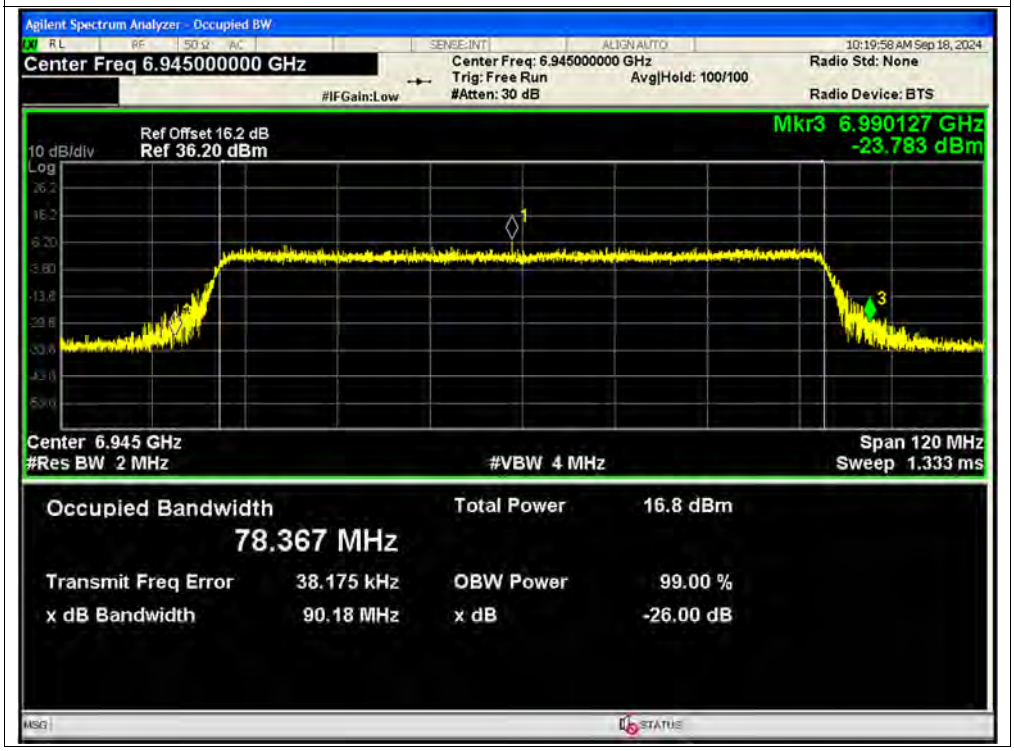


-26dB Bandwidth NVNT ax80 6785MHz Ant13 SISO



-26dB Bandwidth NVNT ax80 6465MHz Ant12 SISO

-26dB Bandwidth NVNT ax80 6945MHz Ant12 SISO



-26dB Bandwidth NVNT ax80 7025MHz Ant12 SISO

-26dB Bandwidth NVNT ax80 6465MHz Ant13 SISO

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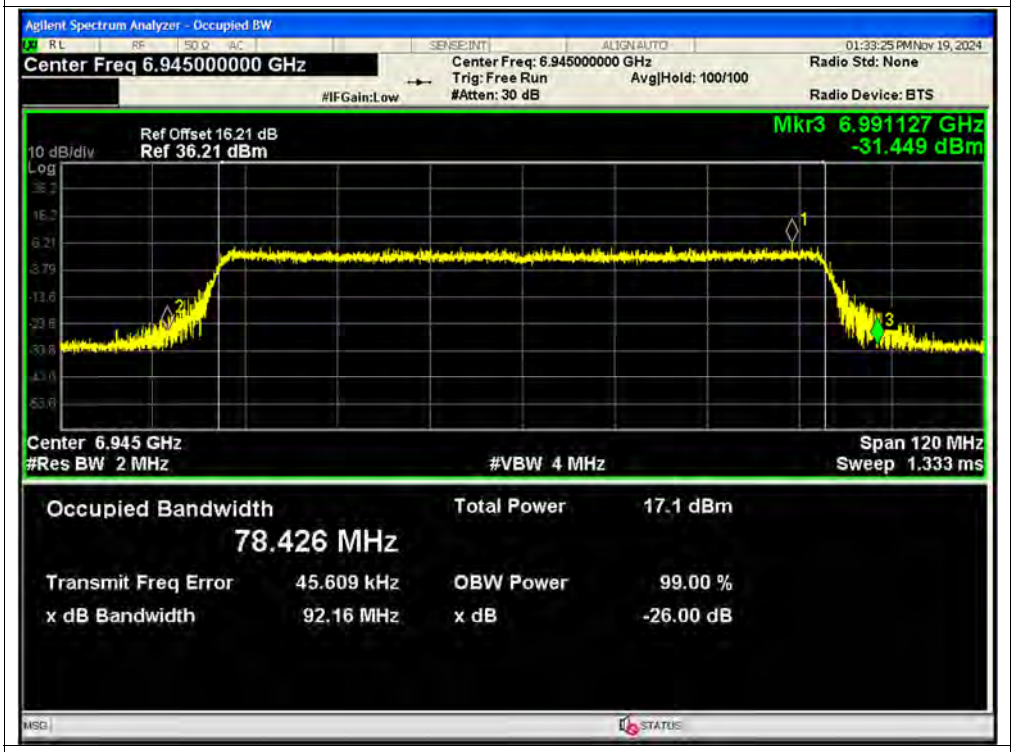
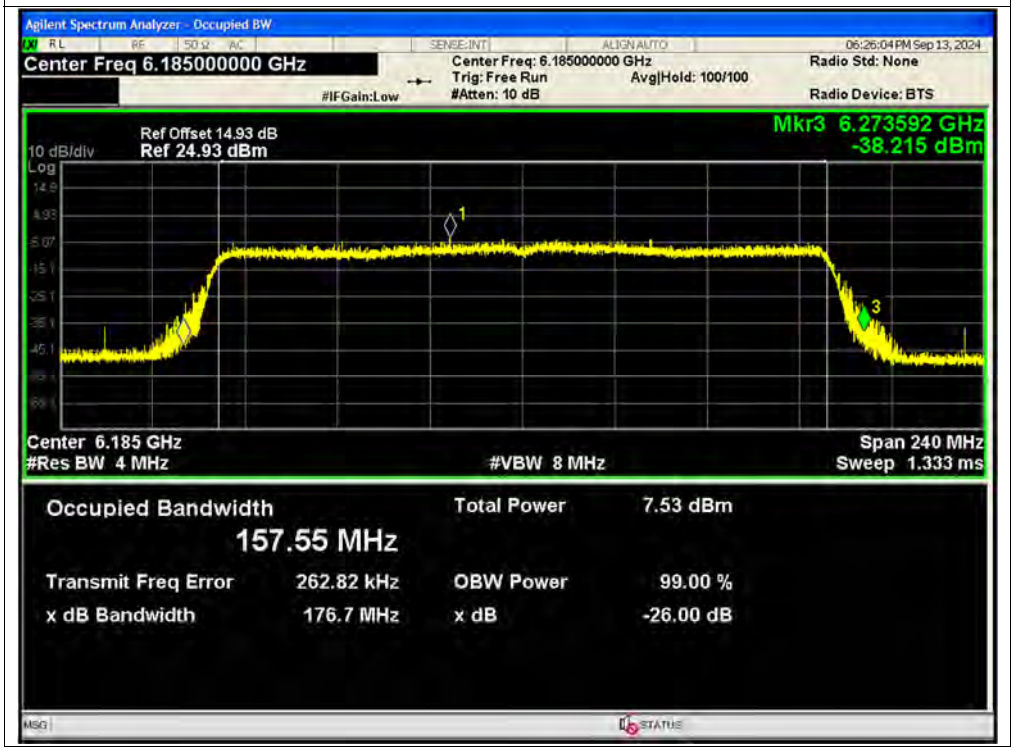


-26dB Bandwidth NVNT ax80 7025MHz Ant13 SISO

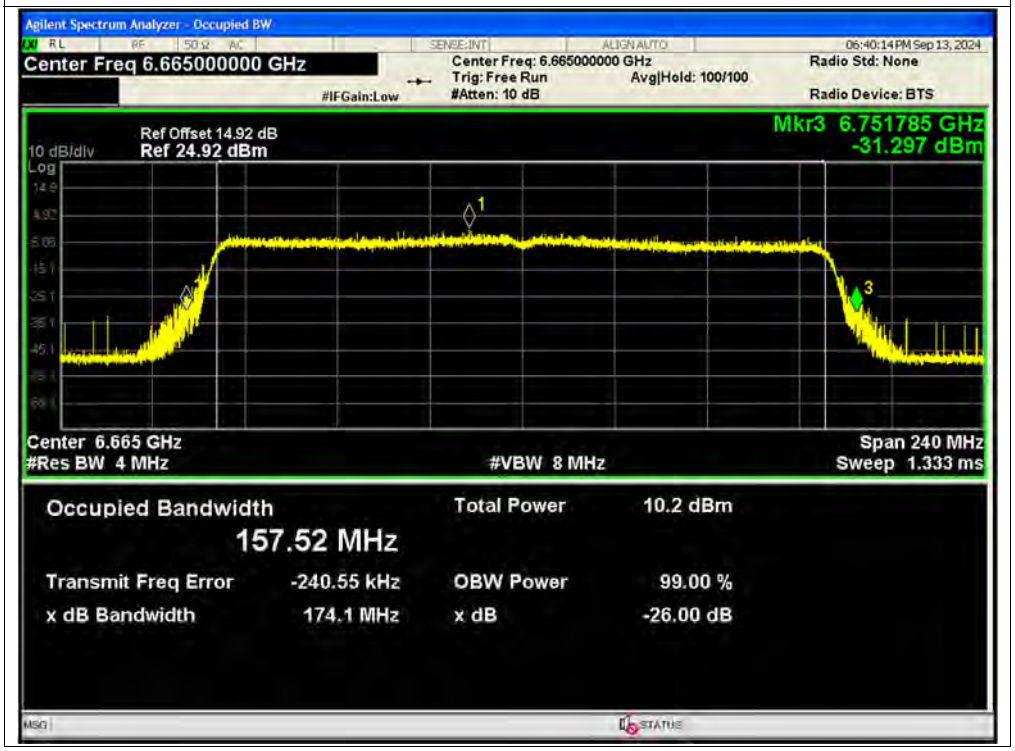
-26dB Bandwidth NVNT ax160 6025MHz Ant12 SISO

-26dB Bandwidth NVNT ax160 6185MHz Ant12 SISO



-26dB Bandwidth NVNT ax160 6345MHz Ant12 SISO

-26dB Bandwidth NVNT ax160 6665MHz Ant12 SISO



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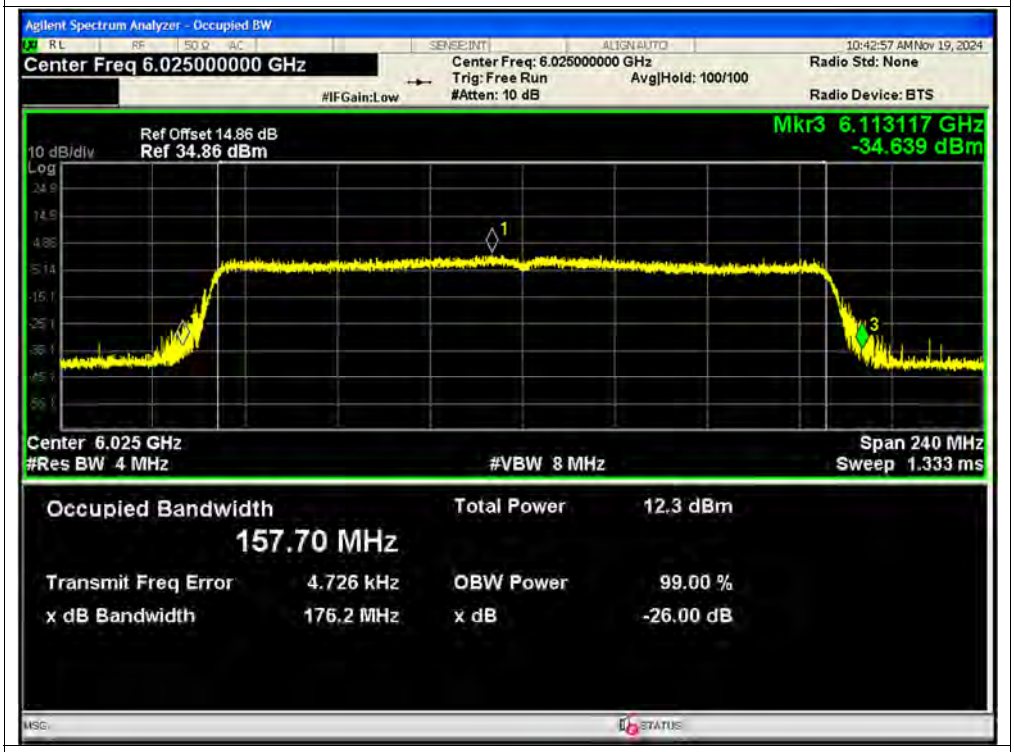

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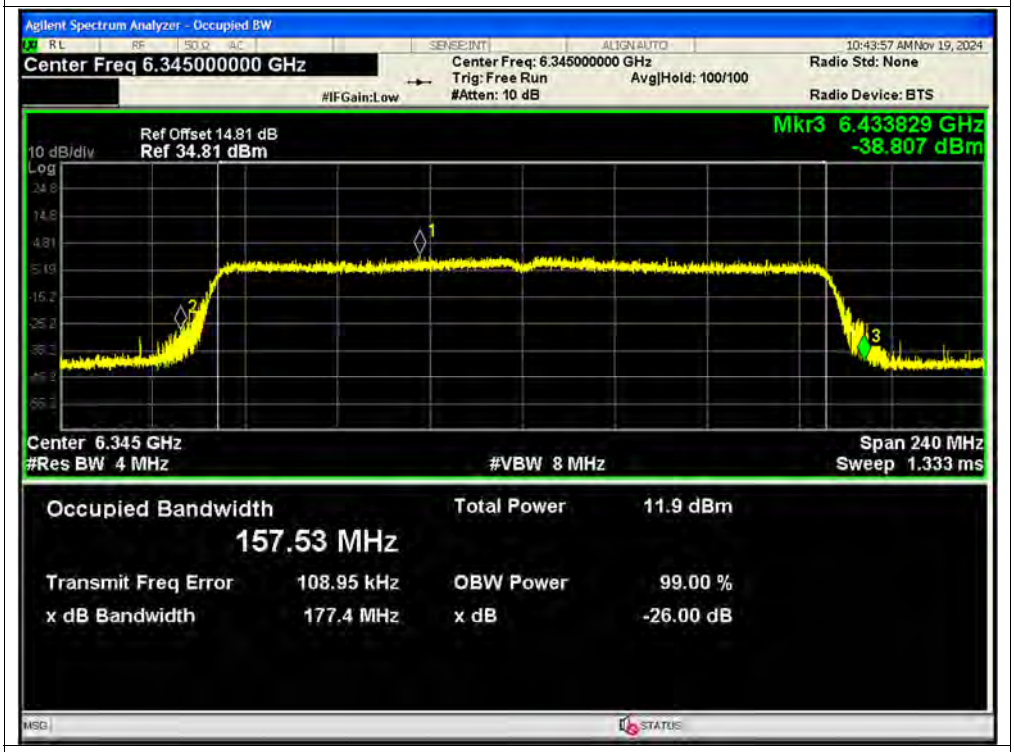
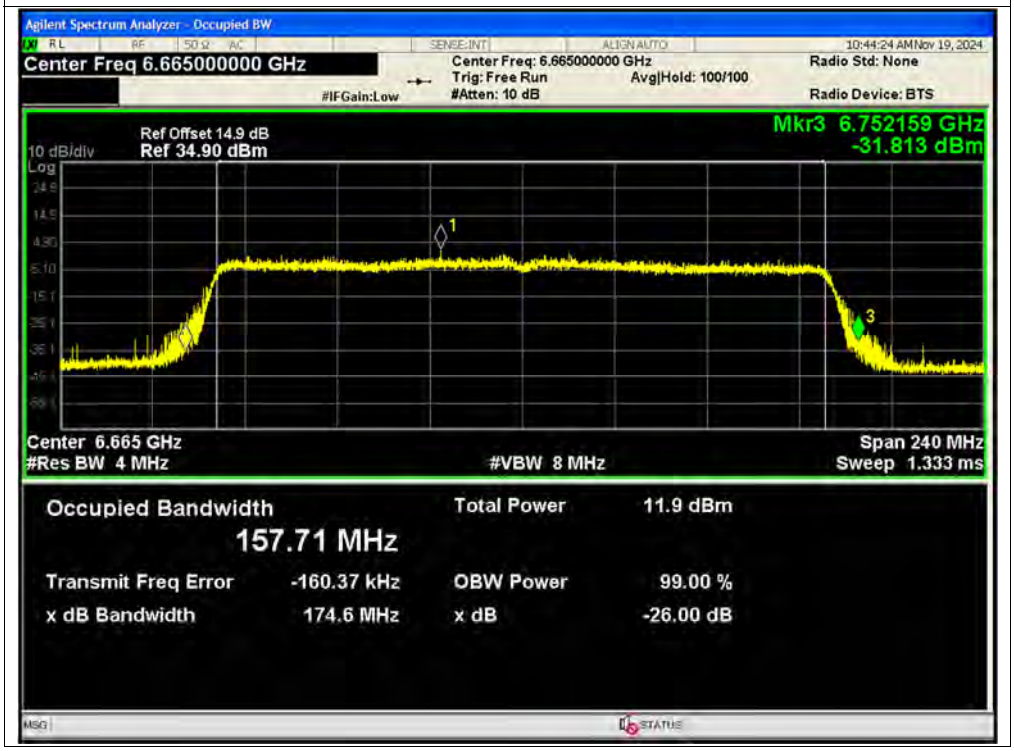
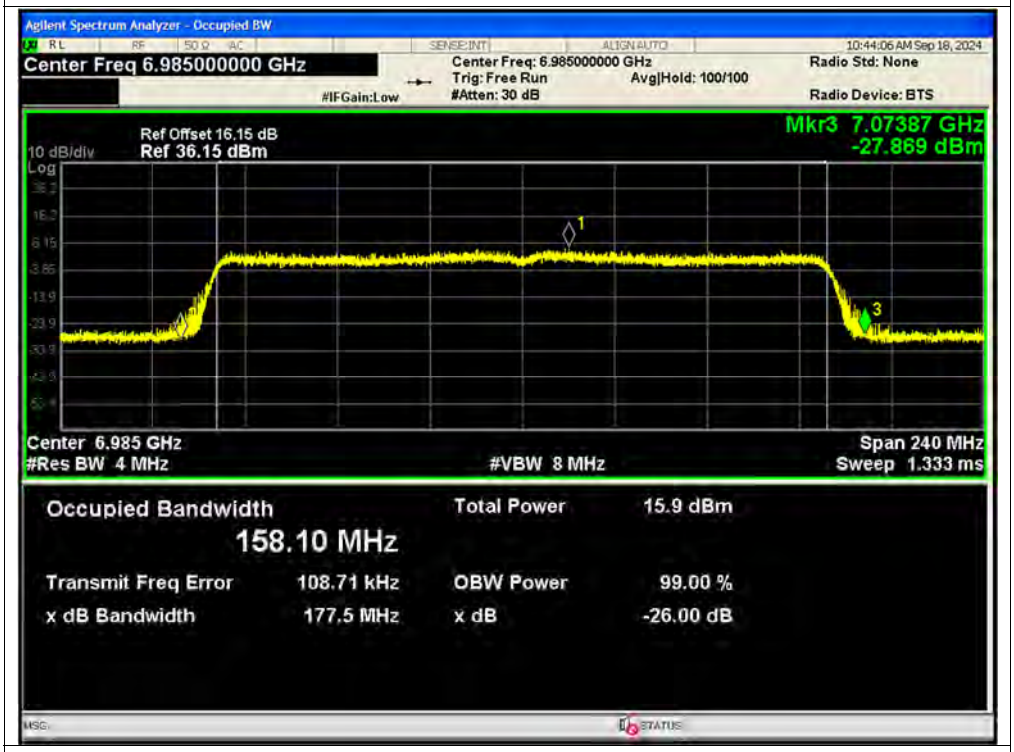
-26dB Bandwidth NVNT ax160 6345MHz Ant13 SISO



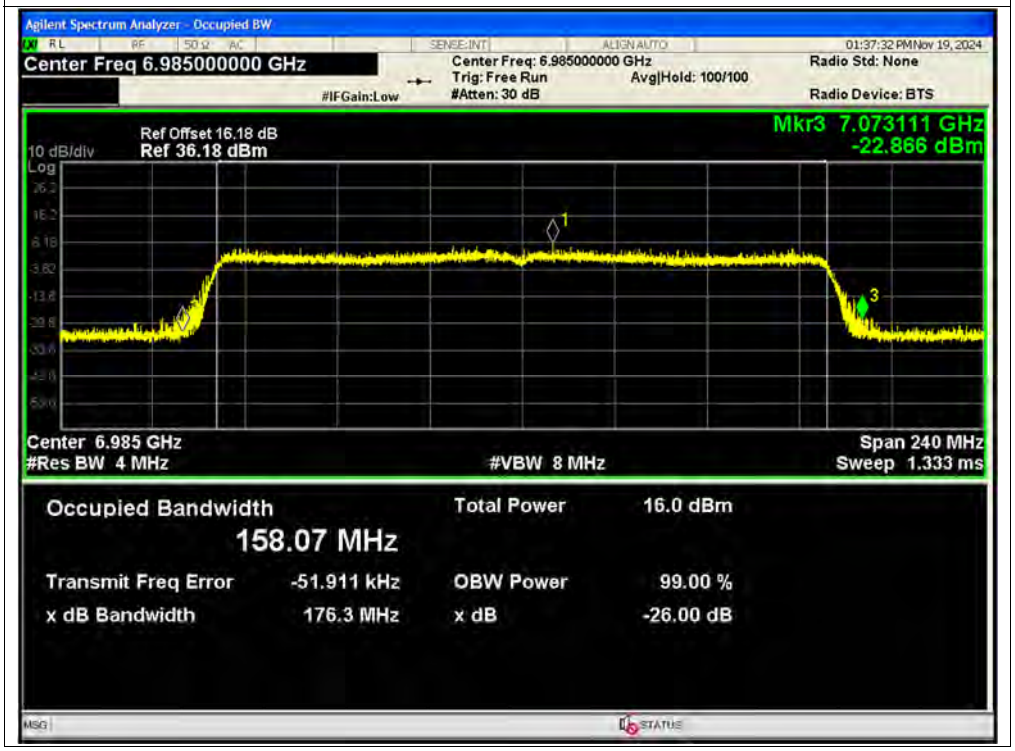
-26dB Bandwidth NVNT ax160 6665MHz Ant13 SISO



-26dB Bandwidth NVNT ax160 6985MHz Ant12 SISO



-26dB Bandwidth NVNT ax160 6985MHz Ant13 SISO

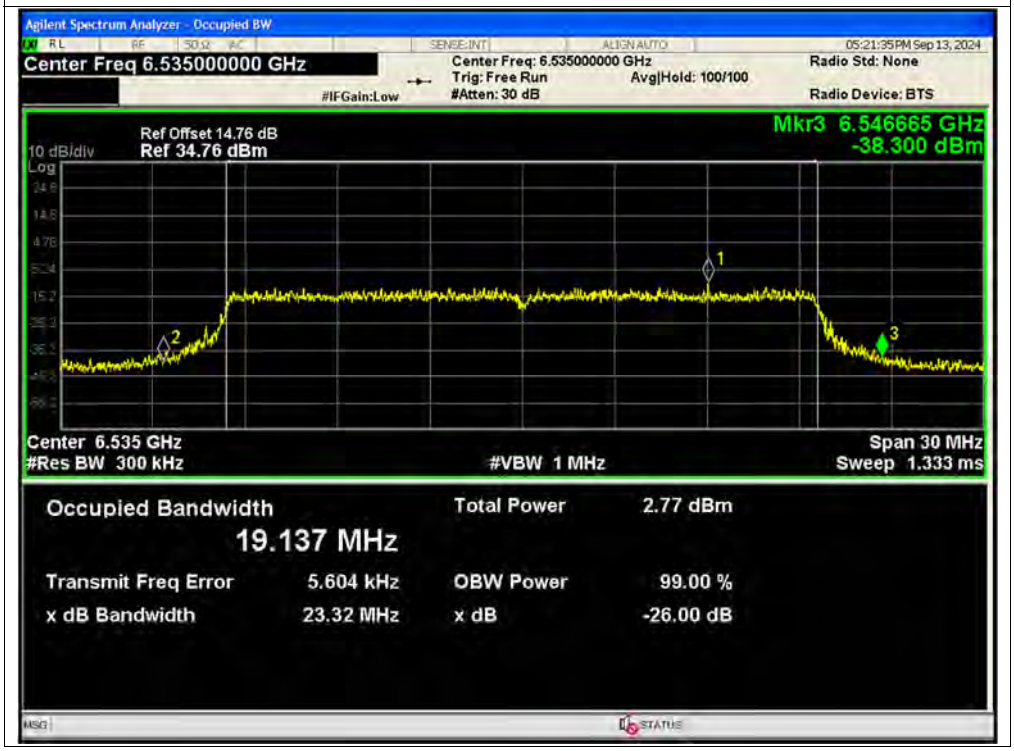


-26dB Bandwidth NVNT be20 5955MHz Ant12 SISO

-26dB Bandwidth NVNT be20 6175MHz Ant12 SISO

-26dB Bandwidth NVNT be20 6415MHz Ant12 SISO

-26dB Bandwidth NVNT be20 6535MHz Ant12 SISO



-26dB Bandwidth NVNT be20 6695MHz Ant12 SISO

-26dB Bandwidth NVNT be20 6855MHz Ant12 SISO

-26dB Bandwidth NVNT be20 5955MHz Ant13 SISO

-26dB Bandwidth NVNT be20 6175MHz Ant13 SISO

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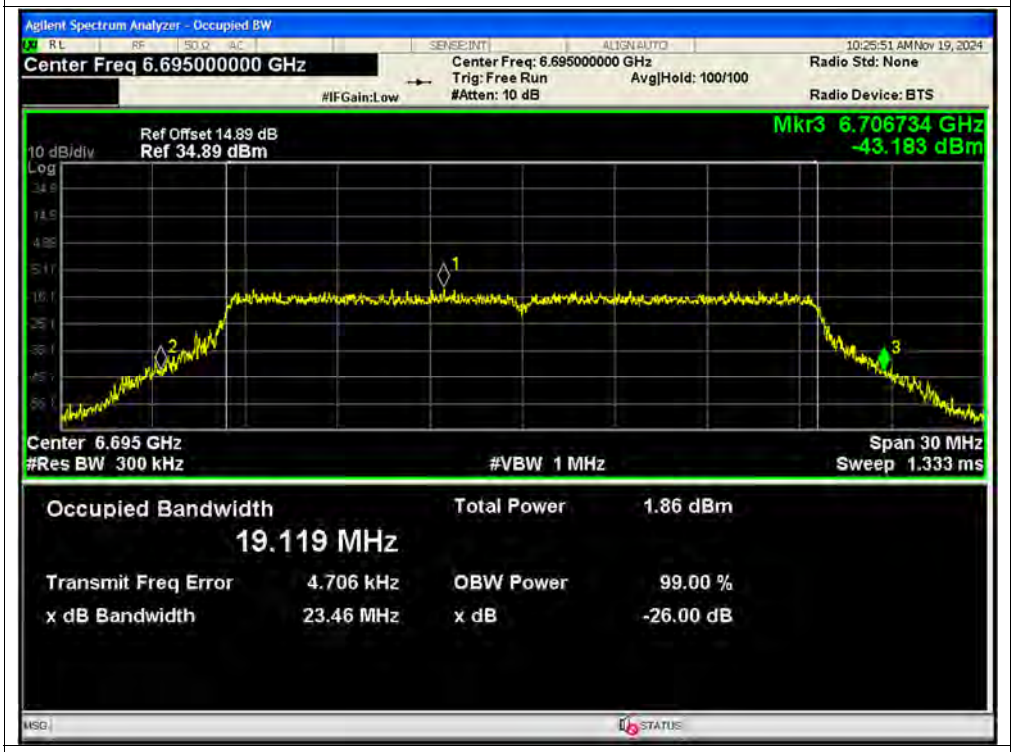
-26dB Bandwidth NVNT be20 6695MHz Ant13 SISO



-26dB Bandwidth NVNT be20 6855MHz Ant13 SISO

-26dB Bandwidth NVNT be20 6435MHz Ant12 SISO

-26dB Bandwidth NVNT be20 6475MHz Ant12 SISO

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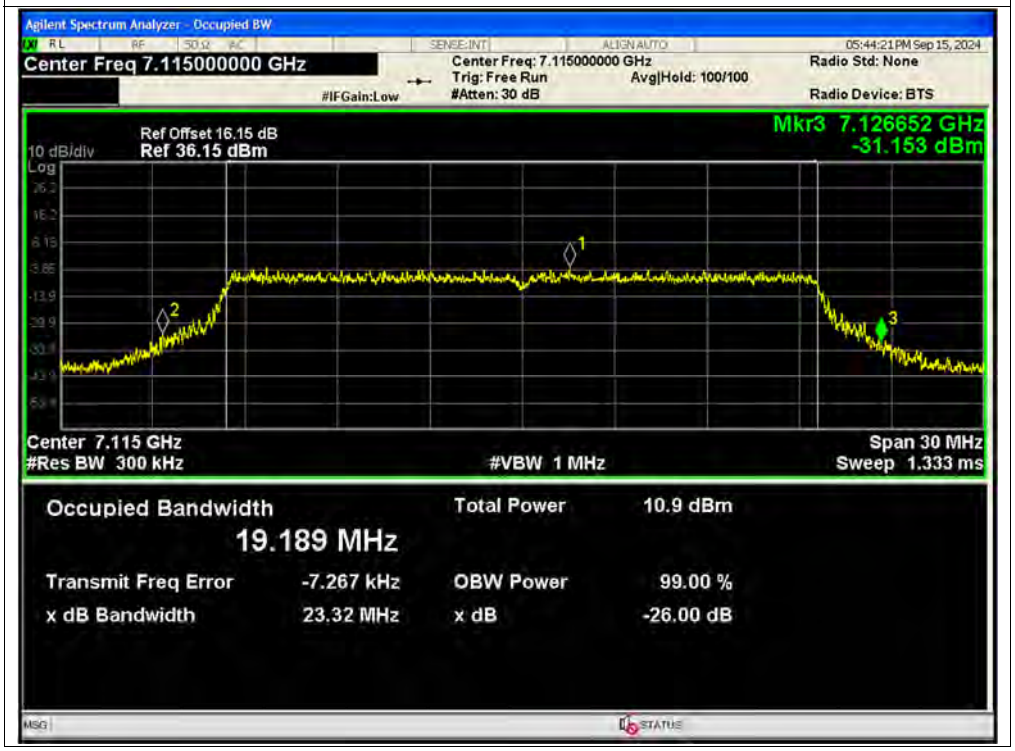

-26dB Bandwidth NVNT be20 6435MHz Ant13 SISO

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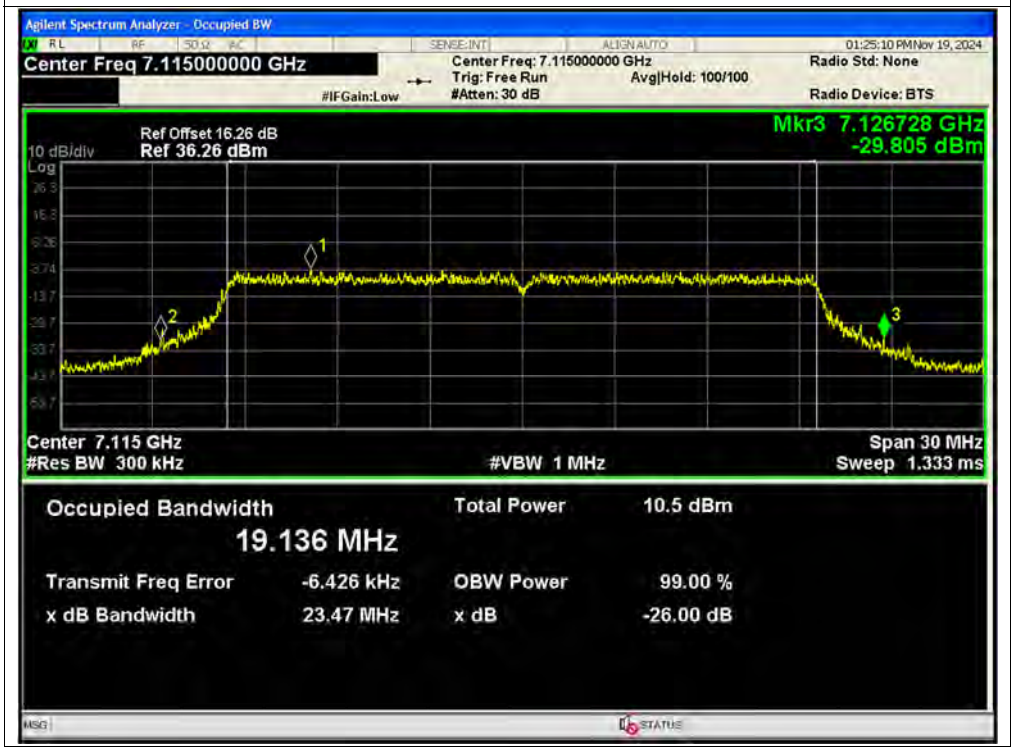

-26dB Bandwidth NVNT be40 5965MHz Ant12 SISO

-26dB Bandwidth NVNT be40 6205MHz Ant12 SISO

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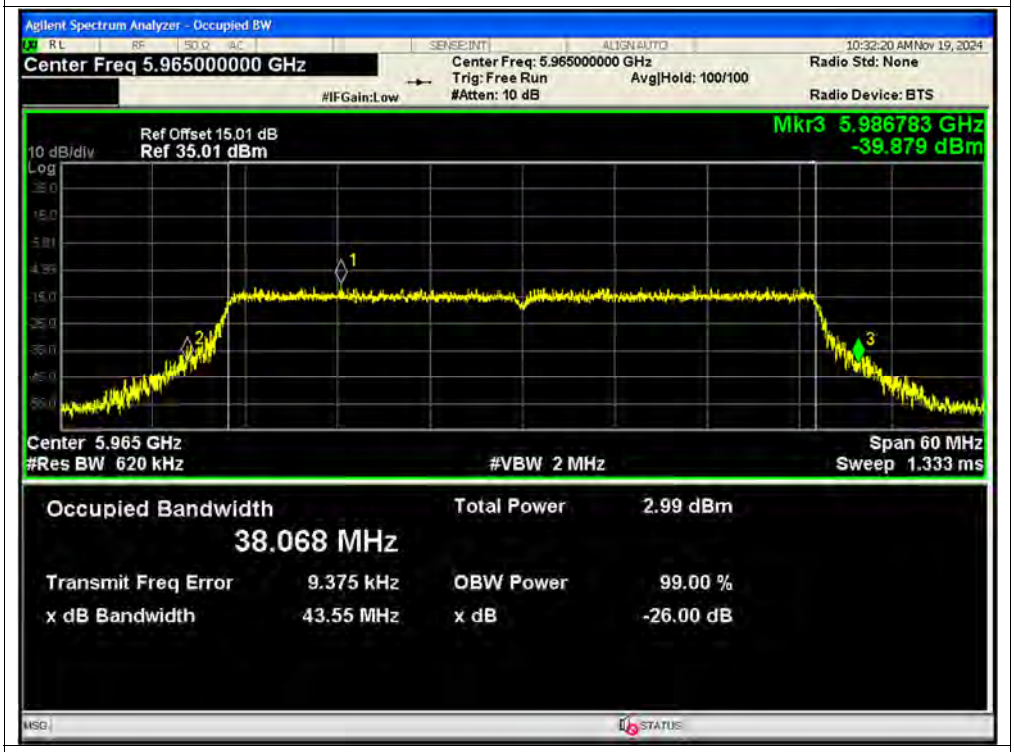
-26dB Bandwidth NVNT be40 5965MHz Ant13 SISO



-26dB Bandwidth NVNT be40 6205MHz Ant13 SISO

-26dB Bandwidth NVNT be40 6405MHz Ant13 SISO

-26dB Bandwidth NVNT be40 6565MHz Ant13 SISO

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-26dB Bandwidth NVNT be40 6845MHz Ant13 SISO

-26dB Bandwidth NVNT be40 6445MHz Ant12 SISO

-26dB Bandwidth NVNT be40 6485MHz Ant12 SISO

-26dB Bandwidth NVNT be40 6885MHz Ant12 SISO

-26dB Bandwidth NVNT be40 6965MHz Ant12 SISO

-26dB Bandwidth NVNT be40 7085MHz Ant12 SISO

-26dB Bandwidth NVNT be40 6445MHz Ant13 SISO

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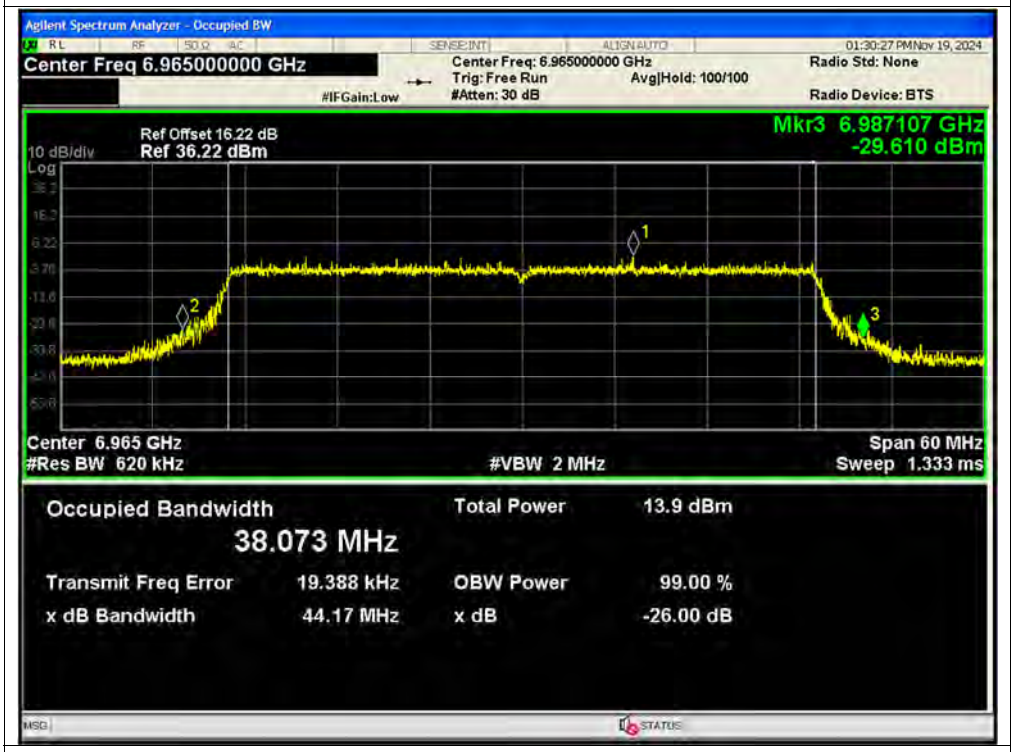

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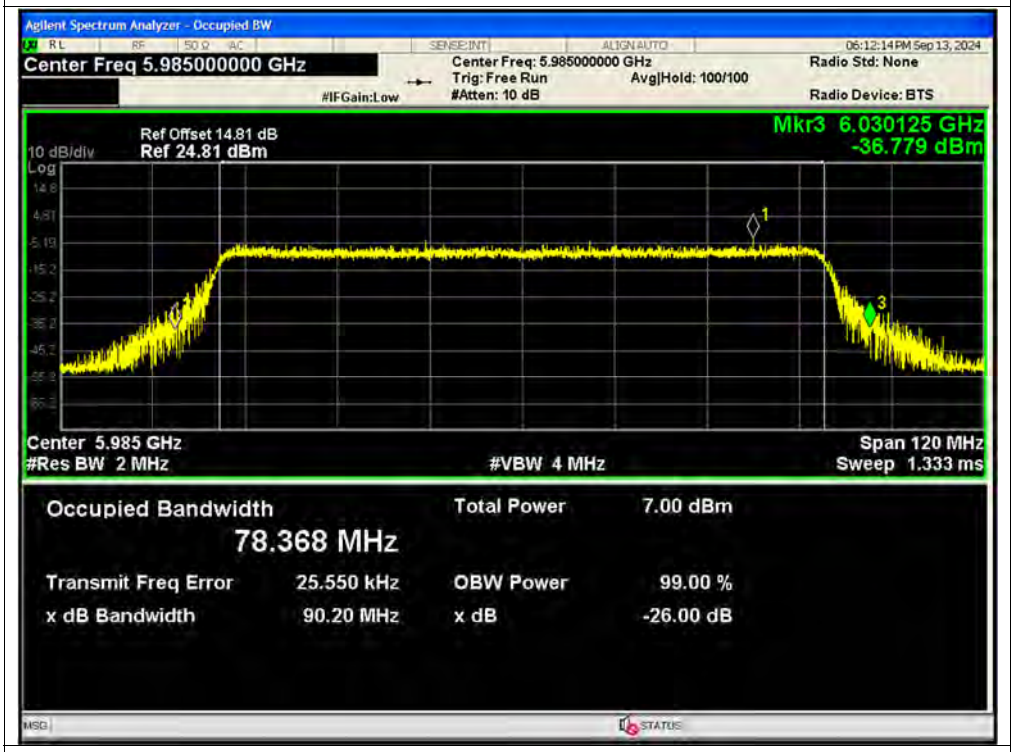
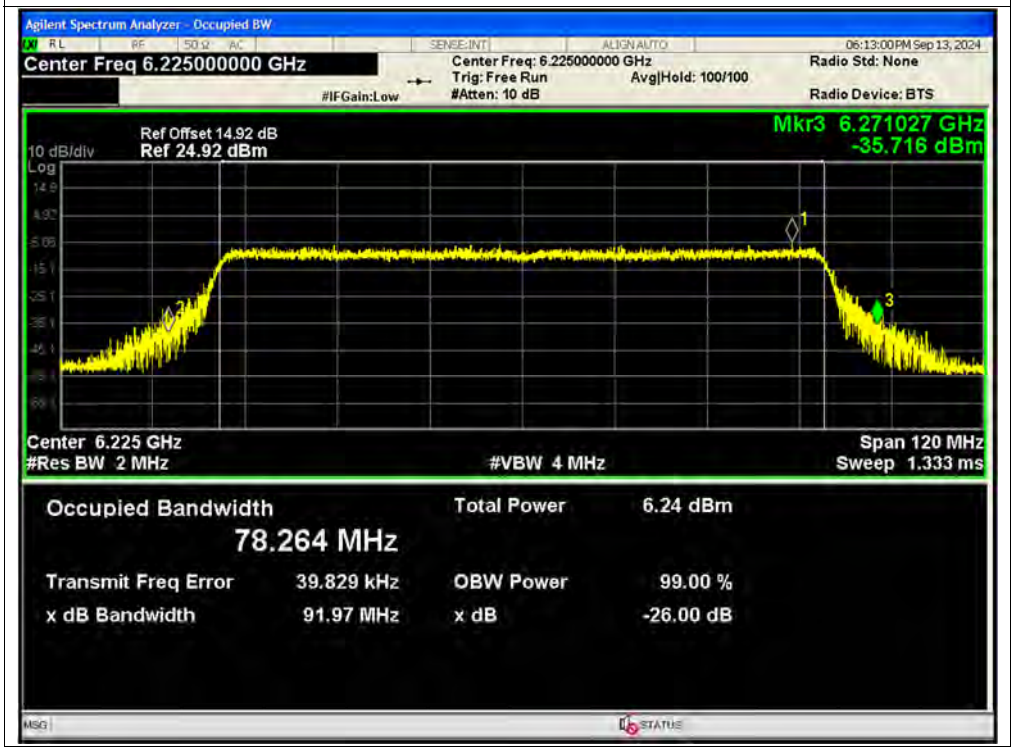
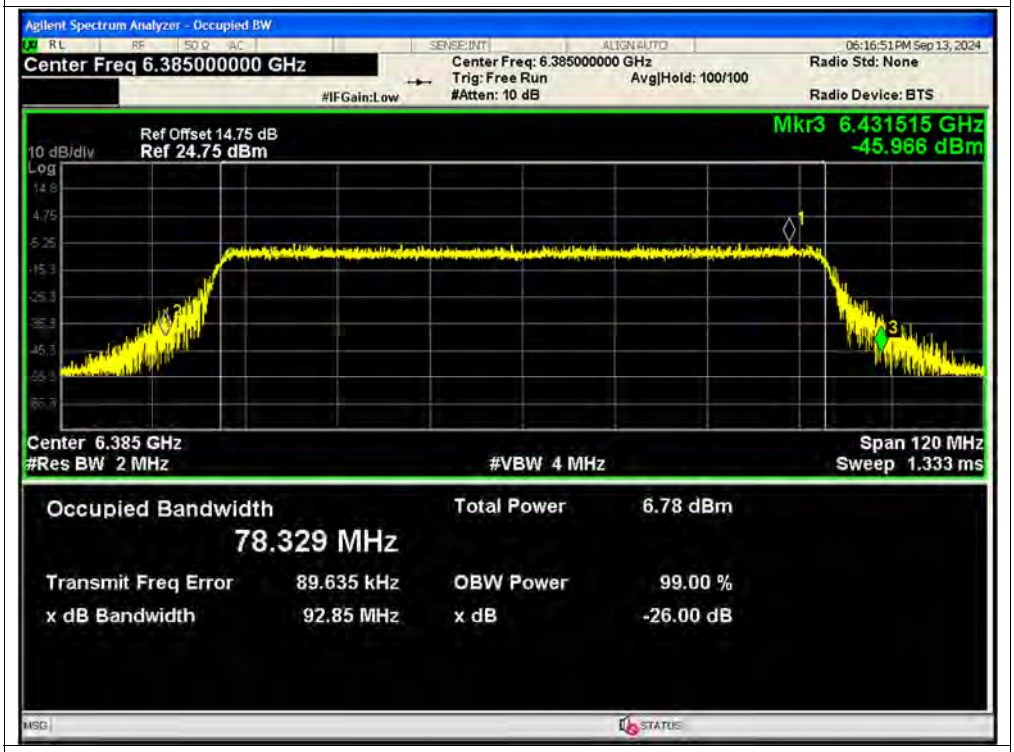
-26dB Bandwidth NVNT be80 5985MHz Ant12 SISO



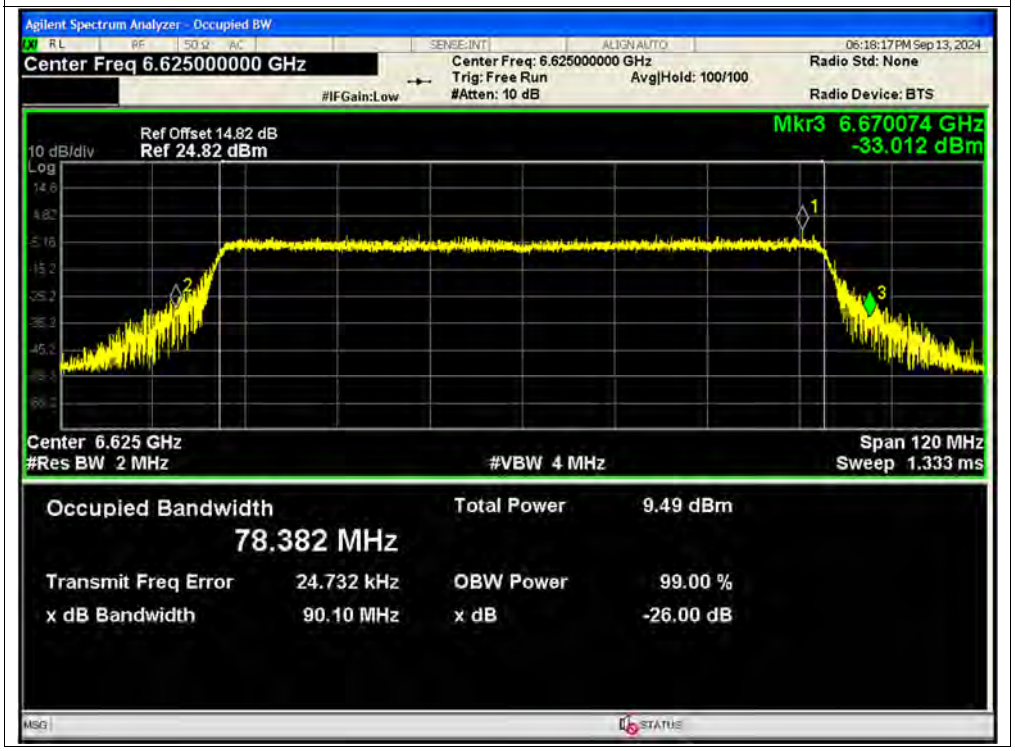
-26dB Bandwidth NVNT be80 6225MHz Ant12 SISO



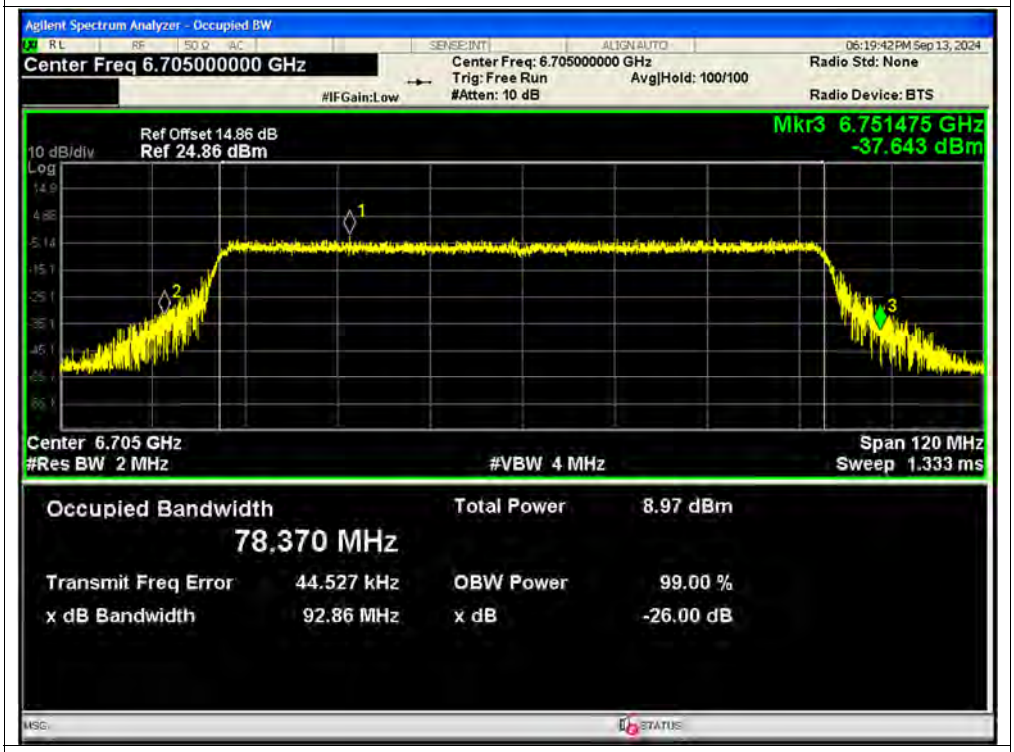
-26dB Bandwidth NVNT be80 6385MHz Ant12 SISO



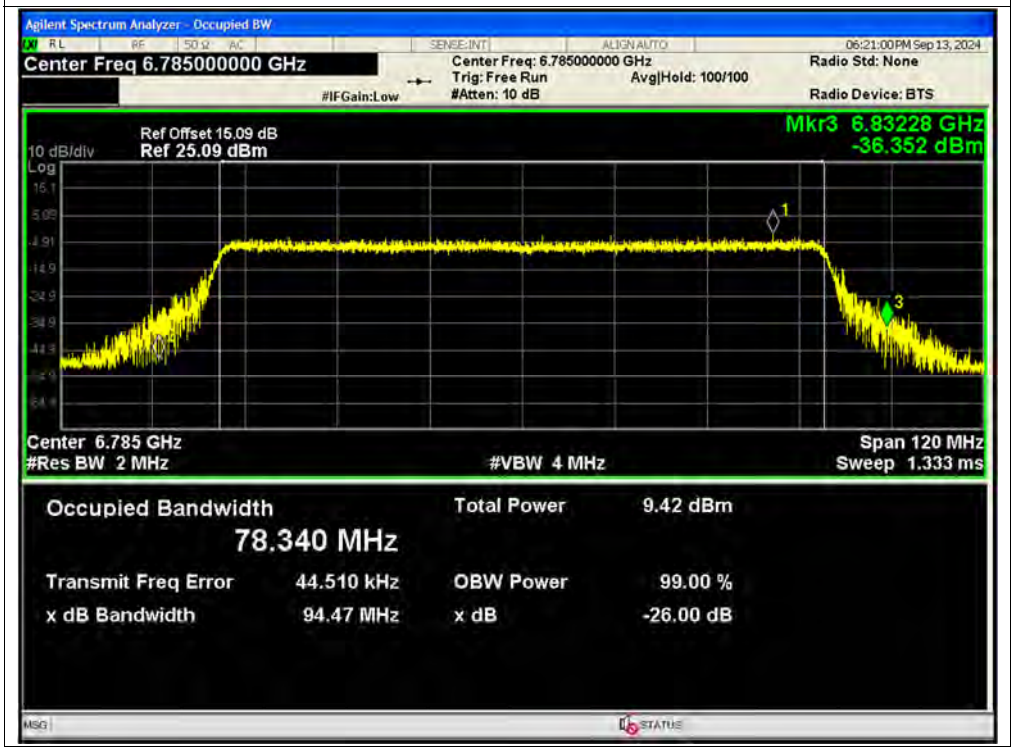
-26dB Bandwidth NVNT be80 6625MHz Ant12 SISO



-26dB Bandwidth NVNT be80 6705MHz Ant12 SISO

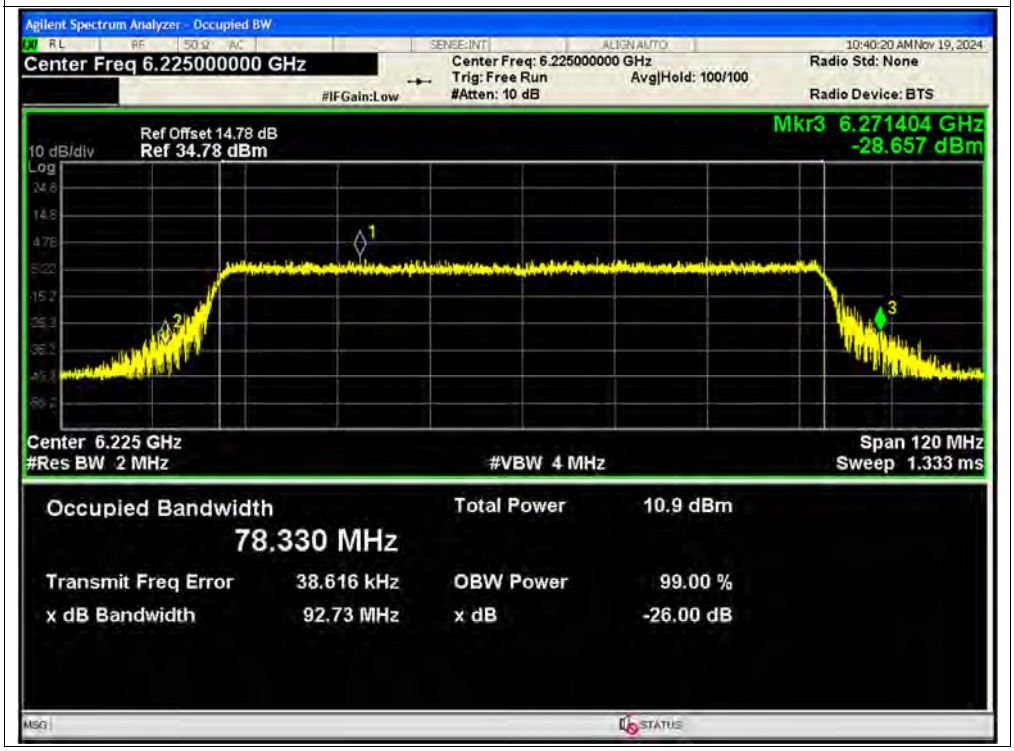


-26dB Bandwidth NVNT be80 6785MHz Ant12 SISO

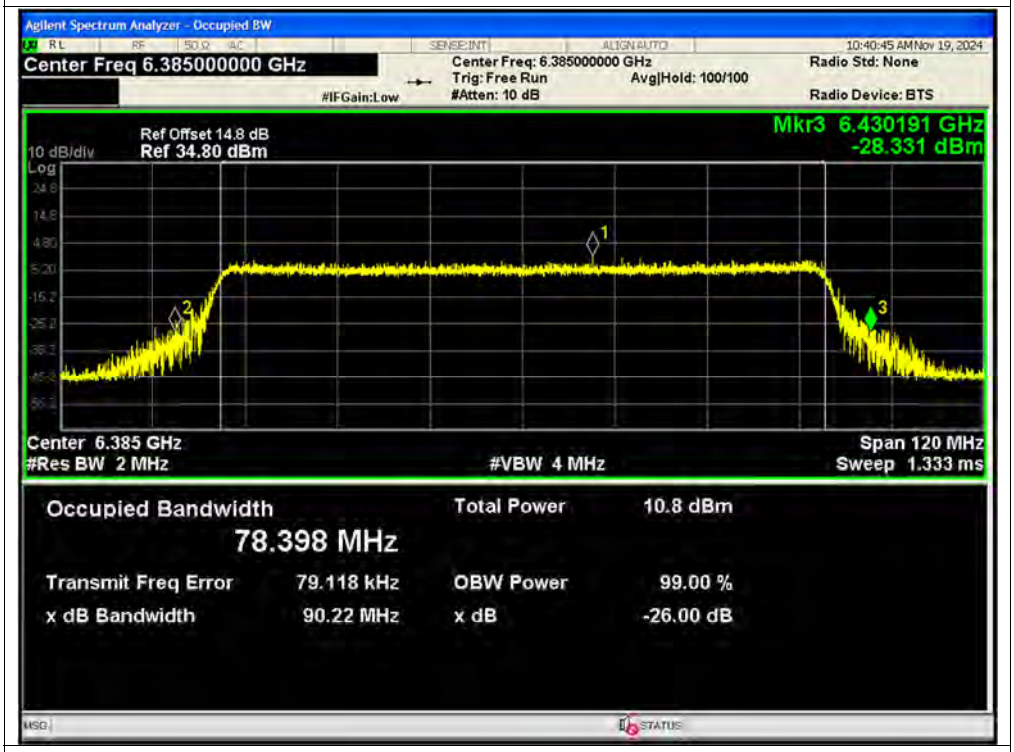


-26dB Bandwidth NVNT be80 5985MHz Ant13 SISO

-26dB Bandwidth NVNT be80 6225MHz Ant13 SISO

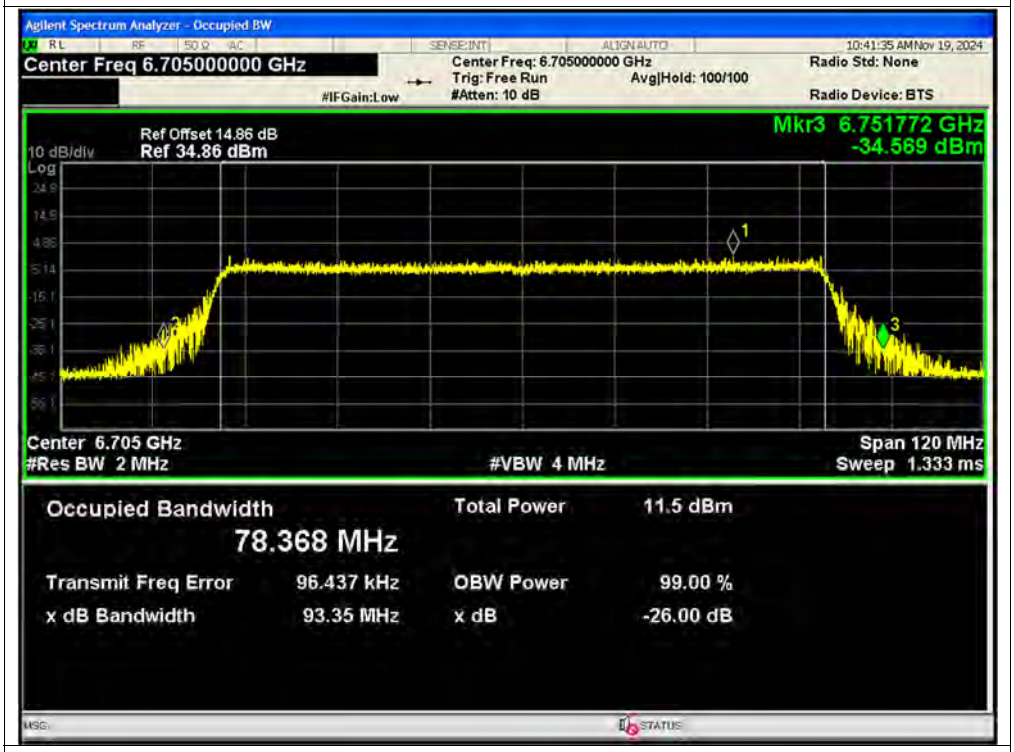


-26dB Bandwidth NVNT be80 6385MHz Ant13 SISO

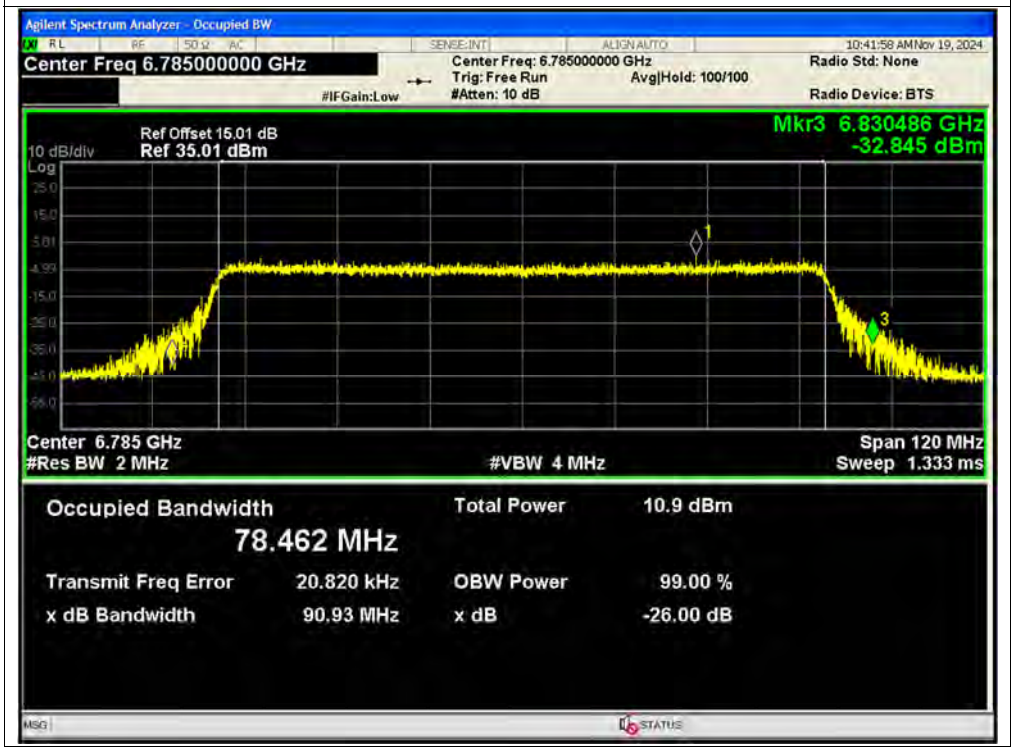


-26dB Bandwidth NVNT be80 6625MHz Ant13 SISO

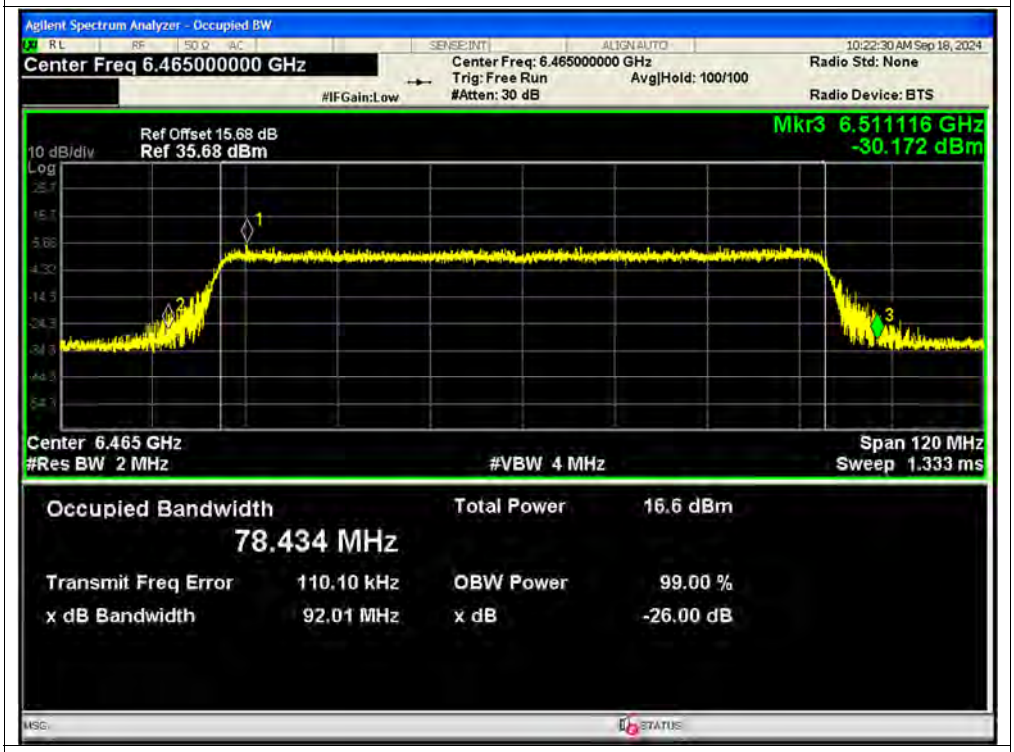
-26dB Bandwidth NVNT be80 6705MHz Ant13 SISO



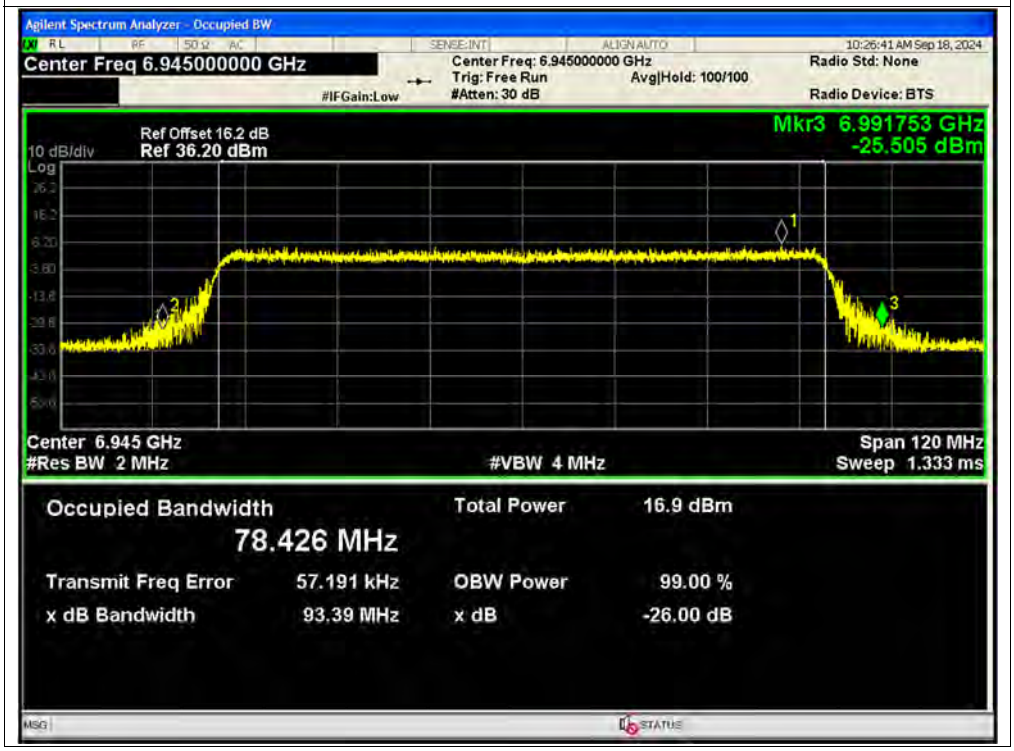
-26dB Bandwidth NVNT be80 6785MHz Ant13 SISO



-26dB Bandwidth NVNT be80 6465MHz Ant12 SISO

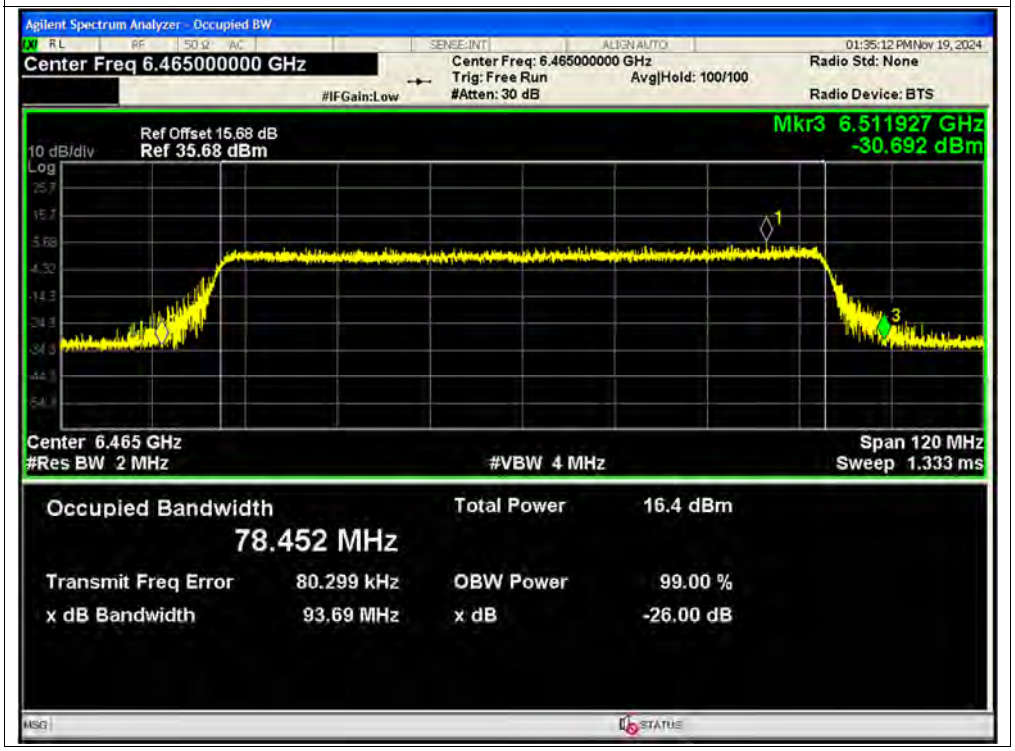


-26dB Bandwidth NVNT be80 6945MHz Ant12 SISO



-26dB Bandwidth NVNT be80 7025MHz Ant12 SISO

-26dB Bandwidth NVNT be80 6465MHz Ant13 SISO



-26dB Bandwidth NVNT be80 6945MHz Ant13 SISO

-26dB Bandwidth NVNT be80 7025MHz Ant13 SISO