

2C-ANT0											
Device	Model	Year	OS	Processor	RAM	Storage	Camera	Display	Battery	Price	Availability
Smartphone	iPhone 15	2023	iOS 17	A17 Pro	8GB	128GB	48MP	6.1"	3,697mAh	\$1,199	Available
	Samsung Galaxy S24	2024	Android 14	Exynos 2400	8GB	256GB	50MP	6.2"	4,000mAh	\$1,299	Available
	Pixel 8	2023	Android 14	T80	8GB	128GB	50MP	6.2"	3,580mAh	\$699	Available
	OnePlus 12	2024	Android 14	Qualcomm Snapdragon 8 Gen 3	16GB	512GB	50MP	6.8"	5,000mAh	\$799	Available
	Xiaomi 14	2024	Android 14	Qualcomm Snapdragon 8 Gen 3	8GB	256GB	50MP	6.7"	4,700mAh	\$699	Available
	Huawei P60	2023	HarmonyOS 4.0	HiSilicon Kirin 9000	8GB	512GB	50MP	6.6"	4,815mAh	\$1,199	Available
	Motorola Edge 40	2024	Android 14	Qualcomm Snapdragon 8 Gen 3	8GB	256GB	50MP	6.7"	4,300mAh	\$599	Available
	Nokia 8600	2023	Symbian 3	Qualcomm Snapdragon 800	1GB	16GB	5MP	3.5"	1,000mAh	\$199	Available
	BlackBerry Key2	2018	Android 8.1	Qualcomm Snapdragon 820	4GB	64GB	13MP	4.3"	2,700mAh	\$499	Available
	HTC U20	2020	Android 10	Qualcomm Snapdragon 765G	8GB	128GB	48MP	6.5"	3,000mAh	\$699	Available
Smartwatch	Apple Watch Series 9	2023	iOS 17	S9	1GB	64GB	1.2MP	1.9"	418mAh	\$399	Available
	Samsung Galaxy Watch6	2024	Android 14	Exynos W930	2GB	64GB	1.2MP	1.6"	425mAh	\$299	Available
	Fitbit Sense 2	2023	Fitbit OS	Qualcomm Snapdragon W500	1GB	32GB	0.9MP	1.5"	380mAh	\$199	Available
	Garmin Venu 3	2024	Garmin OS	Qualcomm Snapdragon W500	1GB	64GB	1.2MP	1.6"	550mAh	\$449	Available
	Amazfit GTR4	2023	Zepp OS	MediaTek MT8515	1GB	64GB	1.2MP	1.75"	410mAh	\$199	Available
	Coros PACE 3	2024	Coros OS	Qualcomm Snapdragon W500	1GB	32GB	0.9MP	1.5"	380mAh	\$149	Available
	Withings ScanWatch 2	2023	Android 14	Qualcomm Snapdragon W500	1GB	64GB	1.2MP	1.75"	410mAh	\$249	Available
	Apple Watch SE (2nd Gen)	2022	iOS 17	S8	1GB	32GB	0.9MP	1.6"	366mAh	\$249	Available
	Samsung Galaxy Watch5	2022	Android 13	Exynos W820	1GB	32GB	1.2MP	1.6"	410mAh	\$229	Available
	Fitbit Versa 4	2023	Fitbit OS	Qualcomm Snapdragon W500	1GB	32GB	0.9MP	1.5"	380mAh	\$149	Available
Tablet	iPad Air (5th Gen)	2022	iOS 17	A16	8GB	256GB	12MP	10.9"	8,360mAh	\$699	Available
	Microsoft Surface Pro 9	2023	Windows 11	Intel Core i7	16GB	512GB	12MP	13"	4,450mAh	\$1,299	Available
	Amazon Fire HD 10	2023	Android 11	MediaTek MT8185	4GB	128GB	5MP	10.1"	6,000mAh	\$149	Available
	Lenovo Tab P11 Pro	2023	Android 12	Qualcomm Snapdragon 870	8GB	256GB	13MP	11.2"	8,600mAh	\$499	Available
	Huawei MatePad Pro	2023	HarmonyOS 4.0	HiSilicon Kirin 9000	8GB	512GB	13MP	11.2"	8,800mAh	\$699	Available
	Samsung Galaxy Tab S9	2024	Android 14	Exynos 2400	8GB	256GB	13MP	11.0"	8,000mAh	\$799	Available
	Pixel Tablet	2023	Android 14	T80	8GB	128GB	12MP	12.4"	7,020mAh	\$599	Available
	OnePlus Pad	2023	Android 13	Qualcomm Snapdragon 8 Gen 2	8GB	256GB	16MP	11.6"	8,740mAh	\$499	Available
	Xiaomi Pad 6	2023	Android 13	Qualcomm Snapdragon 8 Gen 2	8GB	256GB	16MP	11.0"	8,360mAh	\$449	Available
	Huawei MatePad 11	2023	HarmonyOS 4.0	HiSilicon Kirin 9000	8GB	256GB	13MP	11.2"	8,800mAh	\$499	Available
Smart TV	Samsung 43" QLED	2023	Android TV	4K	4GB	128GB	4K	43"	10,000mAh	\$1,299	Available
	LG 48" OLED	2023	webOS	4K	4GB	128GB	4K	48"	10,000mAh	\$1,499	Available
	Hisense 55" ULED	2023	Android TV	4K	4GB	128GB	4K	55"	10,000mAh	\$599	Available
	TCL 65" QLED	2023	Android TV	4K	4GB	128GB	4K	65"	10,000mAh	\$799	Available
	Philips 55" FHD	2023	Android TV	4K	4GB	128GB	4K	55"	10,000mAh	\$499	Available
	Sharp 43" FHD	2023	Android TV	4K	4GB	128GB	4K	43"	10,000mAh	\$399	Available
	Hisense 65" ULED	2023	Android TV	4K	4GB	128GB	4K	65"	10,000mAh	\$899	Available
	Samsung 55" QLED	2023	Android TV	4K	4GB	128GB	4K	55"	10,000mAh	\$999	Available
	LG 55" OLED	2023	webOS	4K	4GB	128GB	4K	55"	10,000mAh	\$1,199	Available
	Hisense 75" ULED	2023	Android TV	4K	4GB	128GB	4K	75"	10,000mAh	\$1,399	Available

[illegible]

Band 7-ANT1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Middle Ch. (Freq.)	Power High Ch. (Freq.)	ERP(W)		
Channel				20800	20850	21300			
Frequency (MHz)				2510	2530	2580	L	M	H
20	QPSK	1	0	22.99	23.12	23.10	0.0811	0.0836	0.0832
20	QPSK	1	49	23.13	23.21	23.12	0.0838	0.0853	0.0836
20	QPSK	1	89	23.01	23.07	22.97	0.0815	0.0838	0.0827
20	QPSK	50	0	21.99	22.14	22.03	0.0644	0.0667	0.0650
20	QPSK	50	24	22.13	22.17	22.14	0.0665	0.0671	0.0667
20	QPSK	50	37	22.03	22.16	22.08	0.0650	0.0670	0.0668
20	QPSK	100	0	22.05	22.15	22.12	0.0603	0.0668	0.0664
20	16QAM	1	0	22.25	22.30	22.20	0.0664	0.0682	0.0676
20	16QAM	1	49	22.41	22.44	22.29	0.0710	0.0714	0.0693
20	16QAM	1	89	22.31	22.36	22.27	0.0603	0.0701	0.0687
20	16QAM	50	0	21.02	21.12	21.05	0.0515	0.0527	0.0510
20	16QAM	50	24	21.16	21.20	21.15	0.0532	0.0537	0.0531
20	16QAM	50	37	20.97	21.00	20.94	0.0506	0.0513	0.0506
20	16QAM	100	0	20.92	21.02	20.91	0.0504	0.0515	0.0502
20	64QAM	1	0	21.04	21.18	21.16	0.0518	0.0535	0.0532
20	64QAM	1	49	21.34	21.47	21.38	0.0555	0.0571	0.0560
20	64QAM	1	89	21.17	21.22	21.16	0.0523	0.0540	0.0532
20	64QAM	50	0	19.97	20.10	20.00	0.0405	0.0417	0.0407
20	64QAM	50	24	20.10	20.14	20.13	0.0417	0.0421	0.0420
20	64QAM	50	37	20.07	20.21	20.11	0.0414	0.0426	0.0419
20	64QAM	100	0	20.14	20.15	20.10	0.0421	0.0422	0.0417
20	256QAM	1	0	18.04	18.04	18.06	0.0259	0.0259	0.0261
20	256QAM	1	49	18.17	18.28	18.09	0.0267	0.0273	0.0262
20	256QAM	1	89	18.05	18.40	18.36	0.0265	0.0265	0.0273
20	256QAM	50	0	18.18	18.25	18.12	0.0268	0.0272	0.0264
20	256QAM	50	24	18.07	18.09	18.09	0.0261	0.0262	0.0262
20	256QAM	50	37	18.10	18.10	18.07	0.0263	0.0263	0.0261
20	256QAM	100	0	18.21	18.25	18.23	0.0272	0.0272	0.0271
Channel				20850	21100	21375	ERP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	22.88	23.08	23.01	0.0791	0.0828	0.0815
15	QPSK	1	37	22.99	23.07	23.00	0.0811	0.0826	0.0813
15	QPSK	1	74	22.87	23.02	22.85	0.0789	0.0817	0.0785
15	QPSK	36	0	21.87	22.06	21.91	0.0627	0.0655	0.0632
15	QPSK	36	36	22.00	22.16	22.05	0.0646	0.0670	0.0653
15	QPSK	36	89	22.00	22.10	22.06	0.0646	0.0661	0.0650
15	QPSK	75	0	22.03	22.08	22.00	0.0650	0.0655	0.0646
15	16QAM	1	0	22.11	22.18	22.12	0.0662	0.0673	0.0664
15	16QAM	1	37	22.26	22.37	22.25	0.0681	0.0703	0.0684
15	16QAM	1	74	22.16	22.29	22.19	0.0670	0.0690	0.0670
15	16QAM	36	0	20.94	20.98	20.91	0.0506	0.0511	0.0502
15	16QAM	36	20	21.04	21.12	21.01	0.0516	0.0527	0.0514
15	16QAM	36	39	20.85	20.85	20.85	0.0495	0.0495	0.0495
15	16QAM	75	0	20.91	20.96	20.81	0.0502	0.0508	0.0491
15	64QAM	1	0	20.96	21.16	21.08	0.0508	0.0532	0.0522
15	64QAM	1	37	21.21	21.33	21.25	0.0528	0.0553	0.0543
15	64QAM	1	74	21.16	21.12	21.09	0.0532	0.0527	0.0524
15	64QAM	36	0	19.87	20.06	19.99	0.0395	0.0413	0.0406
15	64QAM	36	20	20.09	20.02	19.99	0.0416	0.0409	0.0405
15	64QAM	36	39	20.05	20.13	19.97	0.0412	0.0420	0.0405
15	64QAM	75	0	20.07	20.04	19.96	0.0414	0.0411	0.0406
15	256QAM	1	0	18.03	18.01	17.93	0.0259	0.0258	0.0253
15	256QAM	1	37	18.07	18.23	18.02	0.0261	0.0271	0.0258
15	256QAM	1	74	18.01	18.29	18.28	0.0258	0.0275	0.0274
15	256QAM	36	0	18.16	18.17	18.06	0.0267	0.0267	0.0261
15	256QAM	36	20	17.85	18.05	17.94	0.0254	0.0260	0.0254
15	256QAM	36	39	17.96	17.96	17.92	0.0255	0.0255	0.0252
15	256QAM	75	0	18.19	18.21	18.19	0.0269	0.0270	0.0269
Channel				20900	21100	21400	ERP(W)		
Frequency (MHz)				2525	2535	2545	L	M	H
10	QPSK	1	0	22.90	23.03	23.07	0.0794	0.0818	0.0826
10	QPSK	1	25	23.03	23.10	23.02	0.0818	0.0832	0.0817
10	QPSK	1	49	22.97	23.02	22.94	0.0807	0.0817	0.0802
10	QPSK	25	0	21.83	22.05	21.84	0.0635	0.0653	0.0637
10	QPSK	12	0	22.02	22.14	22.03	0.0649	0.0667	0.0650
10	QPSK	25	25	21.82	22.02	21.86	0.0634	0.0649	0.0643
10	QPSK	50	0	22.03	22.08	22.02	0.0650	0.0668	0.0649
10	16QAM	1	0	22.18	22.29	22.13	0.0665	0.0690	0.0663
10	16QAM	1	25	22.33	22.37	22.21	0.0697	0.0703	0.0678
10	16QAM	1	49	22.27	22.28	22.22	0.0687	0.0689	0.0679
10	16QAM	25	0	20.97	21.11	20.90	0.0506	0.0520	0.0501
10	16QAM	12	0	21.09	21.16	21.12	0.0524	0.0532	0.0527
10	16QAM	25	25	20.84	20.97	20.86	0.0494	0.0509	0.0487
10	16QAM	50	0	20.87	20.92	20.89	0.0498	0.0504	0.0500
10	64QAM	1	0	20.97	21.09	21.14	0.0505	0.0524	0.0520
10	64QAM	1	25	21.24	21.43	21.30	0.0542	0.0566	0.0550
10	64QAM	1	49	21.14	21.16	21.13	0.0530	0.0532	0.0528
10	64QAM	25	0	19.62	20.06	19.94	0.0400	0.0413	0.0402
10	64QAM	12	0	20.03	20.09	20.12	0.0410	0.0416	0.0413
10	64QAM	25	25	19.96	20.08	20.03	0.0404	0.0415	0.0410
10	64QAM	50	0	20.13	20.03	20.04	0.0420	0.0410	0.0411
10	256QAM	1	0	17.89	17.97	18.04	0.0261	0.0265	0.0269
10	256QAM	1	25	18.11	18.16	17.99	0.0264	0.0267	0.0256
10	256QAM	1	49	17.82	18.28	18.23	0.0252	0.0274	0.0271
10	256QAM	25	0	18.10	18.13	18.08	0.0263	0.0265	0.0262
10	256QAM	25	12	17.93	17.97	18.02	0.0263	0.0265	0.0265
10	256QAM	25	25	17.85	17.98	18.00	0.0254	0.0256	0.0257
10	256QAM	50	0	18.10	18.17	18.09	0.0263	0.0267	0.0262
Channel				20975	21100	21425	ERP(W)		
Frequency (MHz)				2525.5	2535	2545.5	L	M	H
5	QPSK	1	0	22.85	23.05	23.05	0.0785	0.0822	0.0822
5	QPSK	1	12	23.00	23.09	22.98	0.0813	0.0830	0.0809
5	QPSK	1	24	22.86	23.01	22.87	0.0787	0.0815	0.0785
5	QPSK	12	0	21.85	22.07	22.01	0.0634	0.0656	0.0647
5	QPSK	12	7	21.89	22.10	22.00	0.0644	0.0661	0.0648
5	QPSK	12	13	21.91	22.11	21.95	0.0632	0.0662	0.0638
5	QPSK	25	0	22.24	22.54	21.39	0.0502	0.0532	0.0504
5	16QAM	1	0	22.22	22.20	22.17	0.0679	0.0676	0.0671
5	16QAM	1	12	22.37	22.42	22.15	0.0703	0.0711	0.0668
5	16QAM	1	24	22.22	22.35	22.24	0.0679	0.0700	0.0682
5	16QAM	12	0	20.96	20.97	20.97	0.0506	0.0509	0.0500
5	16QAM	12	7	21.06	21.14	21.10	0.0520	0.0530	0.0525
5	16QAM	12	13	20.96	20.94	20.92	0.0508	0.0506	0.0504
5	16QAM	25	0	20.91	21.01	20.96	0.0502	0.0514	0.0493
5	64QAM	1	0	20.90	21.11	21.06	0.0501	0.0526	0.0520
5	64QAM	1	12	21.30	21.42	21.31	0.0550	0.0565	0.0551
5	64QAM	1	24	21.11	21.17	21.02	0.0526	0.0533	0.0515
5	64QAM	12	0	19.91	19.96	19.85	0.0390	0.0404	0.0394
5	64QAM	12	7	20.03	20.02	20.12	0.0410	0.0409	0.0419
5	64QAM	12	13	20.01	20.14	19.96	0.0408	0.0421	0.0404
5	64QAM	25	0	20.04	20.03	19.98	0.0411	0.0410	0.0404
5	256QAM	1	0	17.94	17.91	18.01	0.0254	0.0252	0.0258
5	256QAM	1	12	18.12	18.23	17.87	0.0264	0.0271	0.0256
5	256QAM	1	24	18.02	18.30	18.27	0.0258	0.0275	0.0274
5	256QAM	12	0	18.04	18.24	18.05	0.0259	0.0272	0.0260
5	256QAM	12	7	18.00	17.95	17.95	0.0257	0.0254	0.0255
5	256QAM	12	13	18.04	18.03	17.94	0.0259	0.0259	0.0254
5	256QAM	25	0	18.08	18.14	18.15	0.0262	0.0265	0.0266

Band 38-ANT1									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Power		
				Low Ch. Freq.	Middle Ch. Freq.	Power High Ch. Freq.	Low Ch. Freq.	Middle Ch. Freq.	Power High Ch. Freq.
Channel				37850	38000	38150	ERR(W)		
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	22.25	22.25	22.23	0.9884	0.9884	0.9881
20	QPSK	1	48	22.28	22.33	22.30	0.9889	0.9887	0.9892
20	QPSK	1	96	22.22	22.24	22.20	0.9879	0.9882	0.9876
20	QPSK	50	0	21.30	21.37	21.25	0.9580	0.9588	0.9583
20	QPSK	50	24	21.33	21.39	21.36	0.9583	0.9581	0.9587
20	QPSK	50	50	21.30	21.35	21.29	0.9580	0.9586	0.9548
20	QPSK	100	0	21.25	21.30	21.17	0.9543	0.9560	0.9533
20	16QAM	1	0	21.32	21.29	21.26	0.9582	0.9548	0.9546
20	16QAM	1	48	21.32	21.38	21.36	0.9582	0.9560	0.9567
20	16QAM	1	96	21.31	21.31	21.16	0.9581	0.9561	0.9532
20	16QAM	50	0	20.37	20.40	20.30	0.9444	0.9447	0.9437
20	16QAM	50	24	20.34	20.38	20.27	0.9447	0.9443	0.9434
20	16QAM	50	50	20.29	20.35	20.20	0.9436	0.9442	0.9427
20	16QAM	100	0	20.27	20.32	20.22	0.9434	0.9439	0.9429
20	64QAM	1	0	20.31	20.26	20.15	0.9438	0.9433	0.9422
20	64QAM	1	48	20.30	20.37	20.36	0.9437	0.9444	0.9443
20	64QAM	1	96	20.18	20.23	20.15	0.9425	0.9430	0.9422
20	64QAM	50	0	19.26	19.34	19.25	0.9344	0.9350	0.9343
20	64QAM	50	24	19.45	19.43	19.41	0.9359	0.9357	0.9356
20	64QAM	50	50	19.32	19.31	19.23	0.9348	0.9348	0.9341
20	64QAM	100	0	19.30	19.33	19.19	0.9347	0.9349	0.9338
20	256QAM	1	0	17.58	17.56	17.55	0.9233	0.9232	0.9232
20	256QAM	1	48	17.59	17.61	17.45	0.9234	0.9235	0.9227
20	256QAM	1	96	17.53	17.51	17.36	0.9231	0.9230	0.9222
20	256QAM	50	0	17.45	17.47	17.47	0.9226	0.9229	0.9228
20	256QAM	50	24	17.46	17.48	17.33	0.9227	0.9225	0.9220
20	256QAM	50	50	17.49	17.52	17.38	0.9229	0.9230	0.9223
20	256QAM	100	0	17.53	17.58	17.27	0.9243	0.9223	0.9217
Channel				37850	38000	38150	ERR(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	22.24	22.14	22.21	0.9882	0.9887	0.9878
15	QPSK	1	47	22.24	22.26	22.18	0.9882	0.9885	0.9877
15	QPSK	1	74	22.08	22.17	22.12	0.9888	0.9871	0.9864
15	QPSK	36	0	21.17	21.35	21.24	0.9533	0.9586	0.9542
15	QPSK	36	24	21.26	21.31	21.25	0.9548	0.9551	0.9543
15	QPSK	36	59	21.29	21.26	21.19	0.9548	0.9545	0.9535
15	QPSK	75	0	21.10	21.22	21.05	0.9525	0.9540	0.9519
15	16QAM	1	0	21.22	21.26	21.17	0.9540	0.9545	0.9533
15	16QAM	1	37	21.17	21.34	21.27	0.9533	0.9545	0.9546
15	16QAM	1	74	21.29	21.23	21.10	0.9548	0.9541	0.9526
15	16QAM	36	0	20.26	20.28	20.20	0.9433	0.9435	0.9427
15	16QAM	36	20	20.22	20.23	20.14	0.9429	0.9430	0.9423
15	16QAM	36	59	20.16	20.32	20.10	0.9423	0.9439	0.9417
15	16QAM	75	0	20.20	20.24	20.14	0.9427	0.9431	0.9421
15	64QAM	1	0	20.21	20.17	20.02	0.9428	0.9424	0.9409
15	64QAM	1	37	20.19	20.25	20.22	0.9420	0.9432	0.9429
15	64QAM	1	74	20.13	20.22	20.06	0.9420	0.9429	0.9413
15	64QAM	36	0	19.25	19.22	19.14	0.9343	0.9346	0.9334
15	64QAM	36	20	19.39	19.38	19.27	0.9354	0.9353	0.9344
15	64QAM	36	59	19.24	19.27	19.15	0.9342	0.9344	0.9336
15	64QAM	75	0	18.19	18.25	18.06	0.9336	0.9342	0.9328
15	256QAM	1	0	17.48	17.48	17.52	0.9229	0.9228	0.9229
15	256QAM	1	37	17.46	17.59	17.33	0.9227	0.9227	0.9234
15	256QAM	1	74	17.48	17.38	17.22	0.9228	0.9226	0.9215
15	256QAM	36	0	17.33	17.36	17.45	0.9220	0.9223	0.9222
15	256QAM	36	20	17.45	17.35	17.22	0.9220	0.9220	0.9212
15	256QAM	36	59	17.47	17.46	17.36	0.9228	0.9228	0.9227
15	256QAM	75	0	17.27	17.26	17.24	0.9217	0.9217	0.9216
Channel				37850	38000	38250	ERR(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	22.11	22.12	22.19	0.9871	0.9864	0.9875
10	QPSK	1	25	22.13	22.19	22.23	0.9885	0.9875	0.9881
10	QPSK	1	48	22.15	22.10	22.14	0.9888	0.9881	0.9867
10	QPSK	25	0	21.17	21.24	21.21	0.9533	0.9542	0.9538
10	QPSK	25	12	21.24	21.24	21.19	0.9542	0.9542	0.9548
10	QPSK	25	25	21.24	21.31	21.22	0.9542	0.9551	0.9540
10	QPSK	50	0	21.19	21.28	21.10	0.9536	0.9547	0.9525
10	16QAM	1	0	21.17	21.22	21.14	0.9533	0.9540	0.9530
10	16QAM	1	25	21.22	21.36	21.23	0.9540	0.9587	0.9541
10	16QAM	1	48	21.29	21.18	21.15	0.9548	0.9535	0.9531
10	16QAM	25	0	20.33	20.38	20.17	0.9440	0.9443	0.9424
10	16QAM	25	12	20.15	20.24	20.05	0.9422	0.9431	0.9430
10	16QAM	25	25	20.27	20.29	20.18	0.9434	0.9436	0.9426
10	16QAM	50	0	20.25	20.18	20.20	0.9432	0.9425	0.9427
10	64QAM	1	0	20.17	20.13	20.12	0.9424	0.9420	0.9419
10	64QAM	1	25	20.29	20.23	20.29	0.9436	0.9430	0.9436
10	64QAM	1	48	20.03	20.11	20.02	0.9410	0.9418	0.9409
10	64QAM	25	0	19.19	19.31	19.21	0.9338	0.9348	0.9340
10	64QAM	25	12	19.37	19.42	19.33	0.9352	0.9356	0.9349
10	64QAM	25	25	19.28	19.27	19.08	0.9345	0.9344	0.9330
10	64QAM	50	0	19.21	19.25	19.10	0.9340	0.9343	0.9331
10	256QAM	1	0	17.53	17.43	17.46	0.9231	0.9225	0.9227
10	256QAM	1	25	17.52	17.46	17.42	0.9230	0.9227	0.9225
10	256QAM	1	48	17.51	17.48	17.32	0.9230	0.9228	0.9220
10	256QAM	25	0	17.32	17.46	17.46	0.9220	0.9229	0.9227
10	256QAM	25	12	17.32	17.37	17.23	0.9220	0.9222	0.9215
10	256QAM	25	25	17.45	17.49	17.30	0.9228	0.9229	0.9219
10	256QAM	50	0	17.27	17.27	17.25	0.9217	0.9217	0.9216
Channel				37775	38000	38225	ERR(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	22.16	22.13	22.21	0.9873	0.9865	0.9876
5	QPSK	1	12	22.22	22.21	22.28	0.9879	0.9875	0.9869
5	QPSK	1	24	22.11	22.23	22.06	0.9862	0.9881	0.9855
5	QPSK	12	0	21.22	21.30	21.22	0.9540	0.9550	0.9540
5	QPSK	12	7	21.32	21.38	21.32	0.9552	0.9550	0.9552
5	QPSK	12	13	21.22	21.21	21.15	0.9540	0.9538	0.9535
5	QPSK	25	0	21.23	21.17	21.08	0.9541	0.9533	0.9522
5	16QAM	1	0	21.31	21.14	21.16	0.9551	0.9530	0.9532
5	16QAM	1	12	21.24	21.37	21.24	0.9542	0.9558	0.9542
5	16QAM	1	24	21.27	21.28	21.13	0.9546	0.9547	0.9528
5	16QAM	12	7	20.29	20.36	20.19	0.9436	0.9443	0.9425
5	16QAM	12	13	20.20	20.35	20.21	0.9427	0.9442	0.9428
5	16QAM	12	13	20.21	20.21	20.16	0.9428	0.9428	0.9423
5	16QAM	25	0	20.13	20.25	20.09	0.9420	0.9432	0.9416
5	64QAM	1	0	20.23	20.12	20.07	0.9430	0.9419	0.9414
5	64QAM	1	12	20.18	20.31	20.28	0.9425	0.9438	0.9435
5	64QAM	1	24	20.17	20.17	20.01	0.9424	0.9424	0.9408
5	64QAM	12	0	19.11	19.30	19.12	0.9332	0.9347	0.9333
5	64QAM	12	7	19.41	19.33	19.29	0.9356	0.9349	0.9348
5	64QAM	12	13	19.20	19.29	19.13	0.9339	0.9346	0.9333
5	64QAM	25	0	18.29	19.24	19.18	0.9346	0.9342	0.9336
5	256QAM	1	0	17.57	17.52	17.45	0.9233	0.9233	0.9230
5	256QAM	1	12	17.48	17.47	17.40	0.9228	0.9228	0.9224
5	256QAM	1	24	17.46	17.50	17.33	0.9227	0.9229	0.9220
5	256QAM	12	0	17.36	17.34	17.46	0.9222	0.9221	0.9227
5	256QAM	12	7	17.40	17.39	17.29	0.9224	0.9223	0.9218
5	256QAM	12	13	17.34	17.38	17.23	0.9221	0.9222	0.9215
5	256QAM	25	0	17.27	17.28	17.22	0.9217	0.9218	0.9215

7C-ANT1									
Combination 20MHz+20MHz (100RB+100RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
2080_21048	L	QPSK	100	0	100	0	21.53		
	QPSK	1	0	1	99	14.85	0.0127		
	QPSK	1	99	1	0	22.43	0.0173		
	QPSK	100	0	100	0	21.40	0.0082		
21001_21199	L	QPSK	1	0	1	99	14.92	0.0126	
	QPSK	1	99	1	0	22.36	0.0171		
	QPSK	100	0	100	0	21.38	0.0060		
	QPSK	1	0	1	99	14.90	0.0126		
21152_21350	L	QPSK	1	99	1	0	22.30	0.0682	
	16QAM	100	0	100	0	20.50	0.0407		
	16QAM	1	0	1	99	15.20	0.0135		
	16QAM	1	99	1	0	22.60	0.0741		
20850_21048	L	16QAM	100	0	100	0	20.48	0.0393	
	16QAM	1	0	1	99	15.08	0.0131		
	16QAM	1	99	1	0	22.44	0.0714		
	16QAM	100	0	100	0	20.42	0.0449		
21152_21350	L	16QAM	1	0	1	99	15.19	0.0133	
	16QAM	1	99	1	0	22.54	0.0731		
	16QAM	100	0	100	0	20.68	0.0476		
	16QAM	1	0	1	99	15.13	0.0133		
20850_21048	L	64QAM	1	99	1	0	21.69	0.0553	
	64QAM	100	0	100	0	20.55	0.0462		
	64QAM	1	0	1	99	15.08	0.0131		
	64QAM	1	99	1	0	21.55	0.0553		
21152_21350	L	64QAM	100	0	100	0	20.56	0.0463	
	64QAM	1	0	1	99	15.13	0.0133		
	64QAM	1	99	1	0	21.63	0.0553		
	64QAM	100	0	100	0	18.66	0.0259		
20850_21048	L	256QAM	1	0	1	99	15.08	0.0133	
	256QAM	1	99	1	0	18.65	0.0229		
	256QAM	100	0	100	0	18.59	0.0204		
	256QAM	1	0	1	99	14.93	0.0127		
21001_21199	M	256QAM	1	99	1	0	18.54	0.0251	
	256QAM	100	0	100	0	18.51	0.0209		
	256QAM	1	0	1	99	15.02	0.0129		
	256QAM	1	99	1	0	18.52	0.0200		
Combination 20MHz+10MHz (100RB+75RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
20850_21021	L	QPSK	100	0	75	0	21.41	0.0664	
	QPSK	1	0	1	74	14.81	0.0124		
	QPSK	1	99	1	0	22.34	0.0688		
	QPSK	100	0	75	0	21.29	0.0548		
21001_21197	M	QPSK	1	0	1	74	14.91	0.0687	
	QPSK	1	99	1	0	22.20	0.0876		
	QPSK	100	0	75	0	21.30	0.0550		
	QPSK	1	0	1	74	14.84	0.0124		
21201_21372	H	QPSK	1	99	1	0	22.24	0.0687	
	16QAM	100	0	75	0	20.37	0.0444		
	16QAM	1	0	1	74	15.17	0.0134		
	16QAM	1	99	1	0	22.54	0.0731		
20850_21021	L	16QAM	100	0	75	0	20.34	0.0441	
	16QAM	1	0	1	74	15.05	0.0130		
	16QAM	1	99	1	0	22.38	0.0705		
	16QAM	100	0	75	0	20.28	0.0435		
21201_21372	L	16QAM	1	0	1	74	15.10	0.0132	
	16QAM	1	99	1	0	22.41	0.0710		
	64QAM	100	0	75	0	20.51	0.0469		
	64QAM	1	0	1	74	15.05	0.0130		
20850_21021	L	64QAM	1	99	1	0	21.67	0.0582	
	64QAM	100	0	75	0	20.50	0.0457		
	64QAM	1	0	1	74	15.02	0.0129		
	64QAM	1	99	1	0	21.53	0.0529		
21001_21372	M	64QAM	100	0	75	0	20.50	0.0457	
	64QAM	1	0	1	74	15.11	0.0132		
	64QAM	1	99	1	0	21.62	0.0582		
	256QAM	100	0	75	0	18.54	0.0251		
20850_21021	L	256QAM	1	0	1	74	15.07	0.0253	
	256QAM	1	99	1	0	18.57	0.0253		
	256QAM	100	0	75	0	18.46	0.0206		
	256QAM	1	0	1	74	14.88	0.0125		
21201_21372	M	256QAM	1	99	1	0	18.42	0.0251	
	256QAM	100	0	75	0	18.42	0.0251		
	256QAM	1	0	1	74	14.90	0.0128		
	256QAM	1	99	1	0	18.47	0.0226		
Combination 10MHz+20MHz (75RB+100RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
20801_20999	L	QPSK	75	0	100	0	21.44	0.0568	
	QPSK	1	0	1	99	14.90	0.0126		
	QPSK	1	74	1	0	22.37	0.0703		
	QPSK	75	0	100	0	21.35	0.0552		
21003_21174	M	QPSK	1	0	1	99	14.91	0.0123	
	QPSK	1	74	1	0	22.34	0.0688		
	QPSK	75	0	100	0	21.36	0.0552		
	QPSK	1	0	1	99	14.93	0.0124		
21179_21350	H	QPSK	1	0	1	99	14.93	0.0123	
	QPSK	1	74	1	0	22.27	0.0687		
	16QAM	75	0	100	0	20.47	0.0454		
	16QAM	1	0	1	99	15.09	0.0132		
20828_20999	L	16QAM	1	74	1	0	22.46	0.0714	
	16QAM	75	0	100	0	20.57	0.0454		
	16QAM	1	0	1	99	15.05	0.0130		
	16QAM	1	74	1	0	22.43	0.0713		
21003_21174	M	16QAM	75	0	100	0	20.35	0.0442	
	16QAM	1	0	1	99	15.08	0.0131		
	16QAM	1	74	1	0	22.44	0.0714		
	16QAM	75	0	100	0	20.52	0.0469		
20828_20999	L	64QAM	1	0	1	99	15.02	0.0129	
	64QAM	1	74	1	0	21.54	0.0581		
	64QAM	75	0	100	0	20.44	0.0451		
	64QAM	1	0	1	99	15.07	0.0131		
21003_21174	M	64QAM	1	74	1	0	21.51	0.0582	
	64QAM	75	0	100	0	20.49	0.0450		
	64QAM	1	0	1	99	14.99	0.0129		
	64QAM	1	74	1	0	21.55	0.0582		
21179_21350	H	64QAM	1	0	1	99	15.07	0.0131	
	64QAM	1	74	1	0	21.55	0.0582		
	64QAM	75	0	100	0	20.49	0.0450		
	64QAM	1	0	1	99	14.99	0.0129		
20801_20999	L	256QAM	75	0	100	0	18.52	0.0206	
	256QAM	1	0	1	99	14.93	0.0127		
	256QAM	1	74	1	0	18.49	0.0206		
	256QAM	75	0	100	0	18.47	0.0206		
21003_21174	M	256QAM	1	0	1	99	14.88	0.0123	
	256QAM	1	74	1	0	18.48	0.0207		
	256QAM	75	0	100	0	18.36	0.0279		
	256QAM	1	0	1	99	14.98	0.0128		
21179_21350	H	256QAM	1	74	1	0	18.39	0.0251	
	256QAM	1	0	1	99	15.07	0.0131		
Combination 10MHz+10MHz (75RB+75RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
20801_20975	L	QPSK	75	0	75	0	21.43	0.0573	
	QPSK	1	0	1	74	14.89	0.0126		
	QPSK	1	74	1	0	22.32	0.0688		
	QPSK	75	0	75	0	21.35	0.0550		
21025_21175	M	QPSK	1	0	1	74	14.84	0.0121	
	QPSK	1	74	1	0	22.35	0.0703		
	QPSK	75	0	75	0	21.24	0.0542		
	QPSK	1	74	1	0	14.26	0.0102		
21225_21375	H	QPSK	1	74	1	0	22.25	0.0687	
	16QAM	75	0	75	0	20.38	0.0445		
	16QAM	1	0	1	74	15.13	0.0134		
	16QAM	1	74	1	0	22.59	0.0724		
20825_20975	L	16QAM	75	0	75	0	20.37	0.0445	
	16QAM	1	0	1	74	15.07	0.0131		
	16QAM	1	74	1	0	22.29	0.0690		
	16QAM	75	0	75	0	20.39	0.0445		
21225_21375	H	16QAM	1	0	1	74	15.18	0.0134	
	16QAM	1	74	1	0	22.51	0.0724		
	64QAM	75	0	75	0	20.59	0.0457		
	64QAM	1	0	1	74	15.14	0.0133		
20825_20975	L	64QAM	1	74	1	0	21.67	0.0581	
	64QAM	75	0	75	0	20.50	0.0457		
	64QAM	1	0	1	74	14.95	0.0127		
	64QAM	1	74	1	0	21.55	0.0582		
21025_21175	M	64QAM	75	0	75	0	20.48	0.0455	
	64QAM	1	0	1	74	15.02	0.0129		
	64QAM	1	74	1	0	21.55	0.0582		
	64QAM	75	0	75	0	18.50	0.0206		
21225_21375	H	64QAM	1	74	1	0	21.55	0.0586	
	64QAM	75	0	75	0	18.52	0.0206		
	256QAM	75	0	75	0	18.52	0.0206		
	256QAM	1	99	1	0	18.52	0.0200		
20801_20999	L	256QAM	100	0	50	0	18.51	0.0203	
	256QAM	1	0	1	49	15.16	0.0133		
	256QAM	1	99	1	0	20.45	0.0396		
	256QAM	100	0	50	0	18.50	0.0229		
21021_21195	M	256QAM	1	0	1	49	15.02	0.0129	
	256QAM	1	99	1	0	20.39	0.0468		
	256QAM	100	0	50	0	18.43	0.0204		
	256QAM	1	0	1	49	15.05	0.0130		
21251_21395	H	256QAM	100	0	50	0	18.52	0.0204	
	256QAM	1	0	1	49	15.19	0.0133		
	256QAM	1	99	1	0	21.58	0.0586		
	256QAM	100	0	50	0	18.43	0.0204		
20801_20999	L	256QAM	100	0	50	0	18.52	0.0204	
	256QAM	1	0	1	49	15.19	0.0133		
	256QAM	1	99	1	0	21.58	0.0586		
	256QAM	100	0	50	0	18.43	0.0204		
21251_21395	H	256QAM	100	0	50	0	18.43	0.0204	
	256QAM	1	0	1	49	15.19	0.0133		
	256QAM	1	99	1	0	21.58	0.0586		
	256QAM	100	0	50	0	18.43	0.0204		

Combination 10MHz+20MHz (50RB+100RB)									
Channel	Modulation	PCC			SCC			Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset	RB Size	RB offset		
L 2085_2045	QPSK	50	0	100	0			21.43	0.0564
	QPSK	1	0	1	99			14.83	0.0124
	QPSK	1	49	1	0			22.40	0.0708
M 2106_2150	QPSK	50	0	100	0			21.28	0.0527
	QPSK	1	0	1	99			14.90	0.0126
	QPSK	1	49	1	0			22.23	0.0681
H 2106_2150	QPSK	50	0	100	0			21.34	0.0525
	QPSK	1	0	1	99			14.85	0.0124
	QPSK	1	49	1	0			22.15	0.0668
L 2085_2045	16QAM	50	0	100	0			20.48	0.0455
	16QAM	1	0	1	99			15.13	0.0133
	16QAM	1	49	1	0			22.54	0.0711
M 2106_2150	16QAM	50	0	100	0			20.43	0.0450
	16QAM	1	0	1	99			14.95	0.0127
	16QAM	1	49	1	0			22.34	0.0688
H 2106_2150	16QAM	50	0	100	0			20.27	0.0444
	16QAM	1	0	1	99			15.08	0.0131
	16QAM	1	49	1	0			22.50	0.0704
L 2085_2045	64QAM	50	0	100	0			20.62	0.0470
	64QAM	1	0	1	99			15.24	0.0130
	64QAM	1	49	1	0			21.63	0.0693
M 2106_2150	64QAM	50	0	100	0			20.51	0.0458
	64QAM	1	0	1	99			14.88	0.0128
	64QAM	1	49	1	0			21.45	0.0669
H 2106_2150	64QAM	50	0	100	0			20.40	0.0447
	64QAM	1	0	1	99			15.04	0.0130
	64QAM	1	49	1	0			21.52	0.0678
L 2085_2045	256QAM	50	0	100	0			18.63	0.0287
	256QAM	1	0	1	99			15.02	0.0129
	256QAM	1	49	1	0			18.59	0.0280
M 2106_2150	256QAM	50	0	100	0			18.77	0.0286
	256QAM	1	0	1	99			14.85	0.0124
	256QAM	1	49	1	0			18.51	0.0280
H 2106_2150	256QAM	50	0	100	0			18.43	0.0284
	256QAM	1	0	1	99			14.97	0.0128
	256QAM	1	49	1	0			18.42	0.0285
Combination 15MHz+10MHz (75RB+50RB)									
Channel	Modulation	PCC			SCC			Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset	RB Size	RB offset		
L 2085_2045	QPSK	75	0	50	0			21.46	0.0570
	QPSK	1	0	1	49			14.85	0.0124
	QPSK	1	74	1	0			22.32	0.0695
M 2106_2117	QPSK	75	0	50	0			21.36	0.0567
	QPSK	1	0	1	49			14.89	0.0125
	QPSK	1	74	1	0			22.32	0.0686
H 2127_2197	QPSK	75	0	50	0			21.28	0.0565
	QPSK	1	0	1	49			14.89	0.0125
	QPSK	1	74	1	0			22.25	0.0684
L 2085_2045	16QAM	75	0	50	0			20.40	0.0447
	16QAM	1	0	1	49			15.18	0.0134
	16QAM	1	74	1	0			22.30	0.0704
M 2106_2117	16QAM	75	0	50	0			20.44	0.0451
	16QAM	1	0	1	49			15.06	0.0131
	16QAM	1	74	1	0			22.35	0.0700
H 2127_2197	16QAM	75	0	50	0			20.36	0.0443
	16QAM	1	0	1	49			15.18	0.0134
	16QAM	1	74	1	0			22.45	0.0716
L 2085_2045	64QAM	75	0	50	0			20.51	0.0469
	64QAM	1	0	1	49			15.01	0.0129
	64QAM	1	74	1	0			21.61	0.0680
M 2106_2117	64QAM	75	0	50	0			20.48	0.0465
	64QAM	1	0	1	49			15.08	0.0131
	64QAM	1	74	1	0			21.47	0.0671
H 2127_2197	64QAM	75	0	50	0			20.50	0.0467
	64QAM	1	0	1	49			14.99	0.0129
	64QAM	1	74	1	0			21.57	0.0685
L 2085_2045	256QAM	75	0	50	0			18.50	0.0288
	256QAM	1	0	1	49			14.98	0.0128
	256QAM	1	74	1	0			18.55	0.0282
M 2106_2117	256QAM	75	0	50	0			18.52	0.0280
	256QAM	1	0	1	49			14.78	0.0122
	256QAM	1	74	1	0			18.49	0.0288
H 2127_2197	256QAM	75	0	50	0			18.47	0.0286
	256QAM	1	0	1	49			14.87	0.0125
	256QAM	1	74	1	0			18.45	0.0285

Band 4, ANT4 PA												
SW Band	Modulation	RB Size	RB Offset	Power Ch/Freq	Power Ch/Freq	Power Ch/Freq	ERP(W)					
Channel				1960	2015	2070	M	N	H			
Frequency (MHz)				1720	1722.5	1745	M	N	H			
20	QPSK	1	0	23.02	23.09	23.06	0.0091	0.0091	0.0091			
20	QPSK	1	99	23.02	23.14	23.04	0.0098	0.0098	0.0098			
20	QPSK	50	0	21.98	22.15	22.03	0.0721	0.0748	0.0748			
20	QPSK	50	24	21.98	22.15	22.03	0.0721	0.0748	0.0748			
20	QPSK	50	50	22.06	22.21	22.00	0.0735	0.0743	0.0743			
20	QPSK	100	0	22.16	22.20	22.02	0.0741	0.0741	0.0741			
20	HQAM	1	0	21.98	22.21	22.08	0.0786	0.0780	0.0780			
20	HQAM	1	99	21.98	22.21	22.08	0.0786	0.0780	0.0780			
20	HQAM	1	50	22.02	22.18	22.08	0.0728	0.0732	0.0732			
20	HQAM	50	0	21.00	21.09	21.00	0.0575	0.0587	0.0587			
20	HQAM	50	24	21.12	21.21	21.00	0.0587	0.0591	0.0591			
20	HQAM	50	50	21.04	21.18	21.17	0.0580	0.0580	0.0580			
20	HQAM	100	0	21.05	21.14	21.03	0.0582	0.0584	0.0584			
20	HQAM	1	0	20.99	21.09	21.07	0.0574	0.0587	0.0588			
20	HQAM	1	99	20.99	21.09	21.07	0.0574	0.0587	0.0588			
20	HQAM	1	50	21.04	21.18	21.08	0.0573	0.0582	0.0582			
20	HQAM	50	0	20.01	20.14	20.13	0.0458	0.0472	0.0471			
20	HQAM	50	24	20.15	20.29	20.28	0.0458	0.0472	0.0471			
20	HQAM	50	50	20.10	20.23	20.08	0.0468	0.0482	0.0480			
20	HQAM	100	0	20.04	20.15	20.02	0.0461	0.0472	0.0465			
20	25QAM	1	0	18.33	18.37	18.30	0.0311	0.0314	0.0310			
20	25QAM	1	99	18.33	18.37	18.30	0.0311	0.0314	0.0310			
20	25QAM	1	50	18.16	18.20	18.18	0.0299	0.0302	0.0300			
20	25QAM	50	0	18.16	18.20	18.23	0.0309	0.0310	0.0310			
20	25QAM	50	24	18.16	18.20	18.23	0.0309	0.0310	0.0310			
20	25QAM	50	50	18.30	18.31	18.20	0.0309	0.0310	0.0310			
20	25QAM	100	0	18.10	18.20	18.13	0.0298	0.0305	0.0309			
Channel				1960	2015	2070	M	N	H			
Frequency (MHz)				1720	1722.5	1745	M	N	H			
15	QPSK	1	0	23.02	23.09	23.06	0.0916	0.0911	0.0903			
15	QPSK	1	99	23.01	23.08	23.05	0.0914	0.0909	0.0903			
15	QPSK	1	74	22.02	22.02	22.00	0.0895	0.0890	0.0891			
15	QPSK	36	0	21.98	22.01	21.97	0.0895	0.0890	0.0891			
15	QPSK	36	24	22.03	22.02	22.02	0.0729	0.0728	0.0728			
15	QPSK	36	39	21.94	21.96	21.86	0.0714	0.0718	0.0718			
15	QPSK	79	0	21.83	22.02	21.87	0.0697	0.0728	0.0717			
15	QPSK	79	48	21.83	22.02	21.87	0.0697	0.0728	0.0717			
15	HQAM	1	37	21.96	22.10	22.05	0.0723	0.0731	0.0731			
15	HQAM	1	74	22.00	22.02	21.98	0.0724	0.0734	0.0734			
15	HQAM	36	0	21.98	22.01	21.97	0.0895	0.0890	0.0891			
15	HQAM	36	24	22.00	21.99	21.91	0.0562	0.0568	0.0568			
15	HQAM	36	39	21.88	21.99	21.12	0.0561	0.0562	0.0569			
15	HQAM	79	0	20.98	21.12	20.98	0.0570	0.0582	0.0582			
15	HQAM	79	48	20.98	21.12	20.98	0.0570	0.0582	0.0582			
15	HQAM	1	37	20.88	20.87	20.89	0.0601	0.0601	0.0601			
15	HQAM	1	74	20.90	20.90	20.85	0.0586	0.0573	0.0586			
15	HQAM	36	0	20.98	20.99	20.94	0.0568	0.0568	0.0568			
15	HQAM	36	24	20.99	20.94	19.91	0.0458	0.0461	0.0461			
15	HQAM	36	39	19.95	20.14	20.05	0.0452	0.0471	0.0466			
15	HQAM	75	0	19.96	20.09	19.89	0.0453	0.0467	0.0464			
15	HQAM	75	48	19.96	20.15	19.93	0.0453	0.0467	0.0464			
15	25QAM	1	37	18.21	18.28	18.21	0.0303	0.0303	0.0308			
15	25QAM	1	74	18.09	18.10	18.13	0.0294	0.0291	0.0291			
15	25QAM	15	0	18.09	18.17	18.06	0.0294	0.0291	0.0291			
15	25QAM	36	0	18.09	18.17	18.06	0.0294	0.0291	0.0291			
15	25QAM	36	39	18.16	18.27	18.14	0.0301	0.0307	0.0309			
15	25QAM	75	0	17.96	18.24	18.05	0.0296	0.0305	0.0309			
Channel				1960	2015	2070	M	N	H			
Frequency (MHz)				1715	1722.5	1750	L	M	N			
10	QPSK	1	0	22.96	23.10	22.97	0.0064	0.0063	0.0060			
10	QPSK	1	25	23.02	23.05	23.13	0.0916	0.0903	0.0904			
10	QPSK	1	48	23.06	23.10	23.09	0.0909	0.0903	0.0903			
10	QPSK	25	0	21.87	22.09	21.95	0.0703	0.0733	0.0731			
10	QPSK	25	12	22.00	22.01	21.94	0.0724	0.0726	0.0726			
10	QPSK	25	25	22.01	22.02	21.85	0.0736	0.0728	0.0730			
10	QPSK	25	48	22.04	22.05	21.86	0.0698	0.0708	0.0707			
10	HQAM	1	0	22.12	22.13	21.97	0.0746	0.0746	0.0746			
10	HQAM	1	25	22.01	22.11	22.09	0.0724	0.0733	0.0734			
10	HQAM	1	48	21.93	22.08	22.02	0.0713	0.0738	0.0737			
10	HQAM	25	0	21.86	21.97	21.86	0.0698	0.0707	0.0707			
10	HQAM	25	12	20.98	21.02	20.87	0.0573	0.0576	0.0585			
10	HQAM	25	25	20.96	21.09	21.04	0.0462	0.0467	0.0468			
10	HQAM	25	48	20.98	21.09	21.04	0.0462	0.0467	0.0468			
10	HQAM	1	0	20.92	20.98	21.01	0.0559	0.0573	0.0571			
10	HQAM	1	25	20.79	20.98	20.99	0.0548	0.0567	0.0567			
10	HQAM	1	48	20.95	20.92	20.94	0.0569	0.0559	0.0569			
10	HQAM	25	0	20.93	20.94	20.95	0.0568	0.0568	0.0568			
10	HQAM	25	12	19.99	20.08	19.94	0.0456	0.0466	0.0465			
10	HQAM	25	25	20.05	20.20	20.04	0.0462	0.0479	0.0464			
10	HQAM	25	48	20.07	20.21	20.06	0.0462	0.0479	0.0464			
10	25QAM	1	0	18.18	18.30	18.29	0.0301	0.0313	0.0309			
10	25QAM	1	25	18.18	18.27	18.18	0.0301	0.0307	0.0307			
10	25QAM	1	48	18.16	18.06	18.17	0.0296	0.0296	0.0296			
10	25QAM	25	0	18.18	18.29	18.17	0.0301	0.0307	0.0307			
10	25QAM	25	12	18.06	18.19	18.02	0.0292	0.0301	0.0309			
10	25QAM	25	25	18.04	18.26	18.16	0.0302	0.0306	0.0309			
10	25QAM	25	48	18.26	18.35	18.26	0.0302	0.0306	0.0309			
Channel				1960	2015	2070	M	N	H			
Frequency (MHz)				1722.5	1722.5	1752.5	L	M	N			
5	QPSK	1	0	22.91	23.16	23.04	0.0893	0.0898	0.0908			
5	QPSK	1	25	23.06	23.10	23.17	0.0909	0.0903	0.0903			
5	QPSK	1	24	22.95	23.10	22.95	0.0902	0.0903	0.0903			
5	QPSK	12	0	21.92	21.99	21.87	0.0711	0.0723	0.0721			
5	QPSK	12	7	21.82	22.02	22.03	0.0711	0.0726	0.0727			
5	QPSK	25	0	21.87	22.01	21.86	0.0703	0.0733	0.0731			
5	HQAM	1	0	22.06	22.10	22.01	0.0701	0.0735	0.0737			
5	HQAM	1	0	22.06	22.13	22.07	0.0735	0.0746	0.0747			
5	HQAM	12	0	21.04	21.24	21.08	0.0578	0.0584	0.0584			
5	HQAM	12	7	20.83	20.95	20.89	0.0568	0.0569	0.0567			
5	HQAM	12	12	20.89	21.00	20.88	0.0561	0.0579	0.0579			
5	HQAM	1	24	19.99	20.08	19.94	0.0456	0.0466	0.0465			
5	HQAM	25	0	20.10	21.13	20.89	0.0559	0.0569	0.0569			
5	HQAM	1	0	20.95	20.99	20.95	0.0569	0.0574	0.0576			
5	HQAM	1	25	20.98	20.99	20.99	0.0569	0.0574	0.0576			
5	HQAM	1	24	20.94	21.07	20.98	0.0569	0.0577	0.0576			
5	HQAM	12	0	19.98	20.07	19.99	0.0458	0.0465	0.0465			
5	HQAM	12	7	20.00	20.07	19.95	0.0457	0.0465	0.0465			
5	HQAM	12	12	19.99	20.15	19.95	0.0457	0.0465	0.0465			
5	HQAM	25	0	20.02	20.07	19.90	0.0459	0.0467	0.0467			
5	25QAM	1	0	18.31	18.31	18.16	0.0310	0.0310	0.0320			
5	25QAM	1	12	18.21	18.27	18.08	0.0303	0.0309	0.0309			
5	25QAM	1	25	18.12	18.29	18.11	0.0306	0.0311	0.0311			
5	25QAM	12	0	18.19	18.20	18.22	0.0301	0.0302	0.0303			
5	25QAM	12	7	18.04	18.22	18.02	0.0291	0.0303	0.0303			
5	25QAM	12	12	18.16	18.27	18.16	0.0291	0.0303	0.0303			
5	25QAM	25	0	18.00	18.23	18.12	0.0298	0.0304	0.0309			
Channel				1960	2075	2085	ERP(W)					
Frequency (MHz)				1720	1722.5	1745	M	N	H			
3	QPSK	1	0	22.96	23.10	22.99	0.0910	0.0902	0.0901			
3	QPSK	1	8	23.00	23.00	23.13	0.0912	0.0905	0.0904			
3	QPSK	1	14	22.92	23.03	22.94	0.0895	0.0898	0.0898			
3	QPSK	8	0	21.92	22.09	21.97	0.0703	0.0733	0.0731			
3	QPSK	8	4	22.01	22.09	21.95	0.0					

Band 5, ANT4 PA										
RF (MHz)	Modulation	RF Size	RF Offset	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	ERP(W)			
Channel				20460	20460	20460				
Frequency (MHz)				F ₁	F ₂	F ₃	L	M	N	
10	QPSK	1	8	22.26	22.72	22.68	0.0001	0.0001	0.0001	0
10	QPSK	1	25	22.77	22.82	22.87	0.0003	0.0003	0.0007	0
10	QPSK	1	48	22.87	22.68	22.67	0.0006	0.0006	0.0007	0
10	QPSK	25	0	21.59	21.67	21.52	0.0021	0.0021	0.0026	0
10	QPSK	25	12	21.56	21.71	21.71	0.0021	0.0021	0.0026	0
10	QPSK	25	25	21.61	21.63	21.67	0.0023	0.0023	0.0023	0
10	QPSK	50	0	21.55	21.67	21.61	0.0029	0.0029	0.0036	0
10	16QAM	1	8	21.68	21.75	21.65	0.0026	0.0026	0.0040	0
10	16QAM	1	12	21.73	21.78	21.70	0.0029	0.0029	0.0042	0
10	16QAM	1	48	21.87	21.67	21.60	0.0030	0.0030	0.0036	0
10	16QAM	25	0	20.62	20.66	20.52	0.0185	0.0187	0.0187	0
10	16QAM	25	12	20.65	20.71	20.69	0.0185	0.0185	0.0185	0
10	16QAM	25	25	20.74	20.75	20.81	0.0190	0.0191	0.0191	0
10	16QAM	50	0	20.55	20.66	20.64	0.0182	0.0187	0.0181	0
10	64QAM	1	8	20.50	20.64	20.55	0.0180	0.0180	0.0180	0
10	64QAM	1	12	20.53	20.63	20.52	0.0180	0.0180	0.0180	0
10	64QAM	1	48	20.51	20.53	20.48	0.0180	0.0181	0.0181	0
10	64QAM	25	0	19.88	19.97	19.75	0.0148	0.0152	0.0152	0
10	64QAM	25	12	19.92	19.92	19.93	0.0148	0.0148	0.0148	0
10	64QAM	25	25	19.96	19.84	19.79	0.0152	0.0155	0.0155	0
10	64QAM	50	0	19.64	19.68	19.56	0.0148	0.0149	0.0149	0
10	256QAM	1	8	17.63	17.63	17.60	0.0097	0.0097	0.0100	0
10	256QAM	1	12	17.67	17.67	17.61	0.0097	0.0097	0.0097	0
10	256QAM	1	48	17.67	17.61	17.57	0.0094	0.0094	0.0097	0
10	256QAM	25	0	17.76	17.80	17.79	0.0096	0.0096	0.0099	0
10	256QAM	25	12	17.72	17.72	17.69	0.0096	0.0096	0.0096	0
10	256QAM	25	25	17.86	17.91	17.85	0.0096	0.0096	0.0099	0
10	256QAM	50	0	17.78	17.89	17.82	0.0096	0.0096	0.0099	0
Channel				20465	20465	20465	ERP(W)			
Frequency (MHz)				F ₁	F ₂	F ₃	L	M	N	
3	QPSK	1	8	22.72	22.69	22.65	0.0001	0.0001	0.0009	0
3	QPSK	1	12	22.73	22.79	22.85	0.0001	0.0001	0.0005	0
3	QPSK	1	24	22.82	22.85	22.81	0.0006	0.0006	0.0009	0
3	QPSK	1	48	21.54	21.68	21.52	0.0029	0.0029	0.0035	0
3	QPSK	12	7	21.51	21.60	21.54	0.0027	0.0027	0.0032	0
3	QPSK	12	13	21.47	21.61	21.53	0.0025	0.0025	0.0032	0
3	QPSK	25	0	21.47	21.54	21.57	0.0025	0.0025	0.0029	0
3	QPSK	25	12	21.54	21.73	21.73	0.0029	0.0029	0.0039	0
3	16QAM	1	12	21.86	21.69	21.56	0.0031	0.0031	0.0037	0</

Band 66 ANT4 PA									
RF (MHz)	Modulation	RF Size	RF Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	ERP(W)		
Channel									
Frequency (MHz)				13072	13022	13072		L	M
20	QPSK	1	0	23.17	23.18	23.12	0.0091	0.0091	0.0091
20	QPSK	1	96	23.82	23.83	23.76	0.0099	0.0099	0.0099
20	QPSK	50	0	22.00	22.09	21.96	0.0724	0.0740	0.0740
20	QPSK	50	96	22.34	22.13	22.55	0.0752	0.0752	0.0752
20	QPSK	50	50	22.12	22.17	22.06	0.0748	0.0743	0.0743
20	QPSK	190	0	22.01	22.11	21.96	0.0726	0.0743	0.0743
20	QPSK	1	0	22.58	22.19	22.12	0.0719	0.0717	0.0717
20	QPSK	1	96	22.92	22.17	22.12	0.0728	0.0727	0.0727
20	16QAM	1	96	23.23	23.14	22.05	0.0746	0.0748	0.0748
20	16QAM	50	0	21.03	21.04	20.94	0.0679	0.0681	0.0681
20	16QAM	50	96	20.84	21.08	21.12	0.0658	0.0658	0.0658
20	16QAM	50	50	20.96	21.11	21.10	0.0670	0.0690	0.0690
20	16QAM	190	0	20.89	21.07	21.02	0.0674	0.0684	0.0684
20	64QAM	1	0	21.04	21.11	20.89	0.0681	0.0680	0.0680
20	64QAM	1	96	21.01	21.07	21.02	0.0681	0.0680	0.0680
20	64QAM	1	96	20.96	21.10	21.06	0.0700	0.0689	0.0689
20	64QAM	50	0	20.06	20.12	20.07	0.0463	0.0470	0.0470
20	64QAM	50	96	20.20	20.15	20.20	0.0459	0.0459	0.0459
20	64QAM	50	50	20.13	20.18	20.08	0.0471	0.0476	0.0476
20	256QAM	190	0	20.05	20.11	20.01	0.0462	0.0469	0.0469
20	256QAM	1	0	18.26	18.37	18.32	0.0305	0.0314	0.0314
20	256QAM	1	96	18.19	18.22	18.22	0.0301	0.0305	0.0305
20	256QAM	50	0	18.20	18.35	18.14	0.0302	0.0305	0.0305
20	256QAM	50	96	18.28	18.30	18.27	0.0308	0.0309	0.0309
20	256QAM	50	50	18.35	18.36	18.31	0.0315	0.0315	0.0315
20	256QAM	50	50	18.23	18.28	18.15	0.0304	0.0305	0.0305
20	256QAM	190	0	18.20	18.34	18.26	0.0302	0.0312	0.0312
Channel									
Frequency (MHz)				13112.5	13022	13067		L	M
15	QPSK	1	0	23.15	23.17	23.08	0.0044	0.0048	0.0048
15	QPSK	1	96	23.82	23.09	23.06	0.0068	0.0061	0.0061
15	QPSK	1	74	22.04	22.04	22.73	0.0099	0.0090	0.0090
15	QPSK	1	210	21.87	21.87	21.74	0.0078	0.0071	0.0071
15	QPSK	36	30	22.07	22.13	22.00	0.0739	0.0746	0.0746
15	QPSK	36	30	22.04	22.05	22.02	0.0731	0.0733	0.0733
15	QPSK	75	0	21.80	22.10	21.81	0.0708	0.0741	0.0741
15	QPSK	75	0	22.01	22.14	22.00	0.0748	0.0749	0.0749
15	16QAM	1	37	22.01	22.06	21.93	0.0726	0.0736	0.0736
15	16QAM	1	74	22.01	22.05	21.82	0.0726	0.0733	0.0733
15	16QAM	1	210	21.81	21.81	21.70	0.0691	0.0691	0.0691
15	16QAM	36	30	20.81	20.94	20.86	0.0581	0.0598	0.0598
15	16QAM	36	30	20.80	20.90	21.00	0.0562	0.0562	0.0562</

Band 4_ANT4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (mW)	Power Mid Ch. (mW)	Power High Ch. (mW)	ERP(W)	L	M
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.14	22.28	22.18	0.0748	0.0774	0.0755
20	QPSK	1	49	22.24	22.36	22.33	0.0783	0.0787	0.0782
20	QPSK	1	98	22.34	22.46	22.40	0.0774	0.0778	0.0783
20	QPSK	50	5	21.32	21.38	21.22	0.0619	0.0625	0.0605
20	QPSK	50	24	21.35	21.42	21.40	0.0624	0.0634	0.0631
20	QPSK	50	50	21.34	21.41	21.29	0.0617	0.0632	0.0618
20	QPSK	50	55	21.27	21.35	21.32	0.0610	0.0625	0.0619
20	16QAM	1	0	21.65	21.77	21.62	0.0668	0.0687	0.0664
20	16QAM	1	49	21.69	21.70	21.61	0.0675	0.0676	0.0662
20	16QAM	50	50	21.62	21.63	21.60	0.0664	0.0665	0.0661
20	16QAM	50	5	20.29	20.40	20.36	0.0489	0.0501	0.0487
20	16QAM	50	24	20.35	20.37	20.31	0.0495	0.0498	0.0491
20	16QAM	50	50	20.32	20.43	20.39	0.0504	0.0505	0.0495
20	16QAM	50	55	20.32	20.37	20.31	0.0483	0.0485	0.0480
20	16QAM	1	0	20.36	20.68	20.45	0.0520	0.0535	0.0531
20	16QAM	1	49	20.43	20.57	20.54	0.0505	0.0521	0.0518
20	16QAM	50	50	20.35	20.40	20.36	0.0489	0.0501	0.0487
20	16QAM	50	5	19.32	19.41	19.32	0.0391	0.0399	0.0391
20	16QAM	50	24	19.28	19.35	19.27	0.0387	0.0397	0.0386
20	16QAM	50	50	19.34	19.43	19.29	0.0393	0.0401	0.0394
20	16QAM	50	55	19.32	19.24	19.21	0.0385	0.0384	0.0387
20	256QAM	1	0	17.55	17.67	17.48	0.0280	0.0281	0.0286
20	256QAM	1	49	17.55	17.66	17.47	0.0285	0.0287	0.0287
20	256QAM	50	50	17.58	17.53	17.53	0.0273	0.0274	0.0279
20	256QAM	50	5	17.50	17.45	17.36	0.0257	0.0254	0.0249
20	256QAM	50	24	17.47	17.57	17.46	0.0255	0.0251	0.0255
20	256QAM	50	50	17.51	17.65	17.55	0.0254	0.0259	0.0250
20	256QAM	50	5	17.44	17.69	17.47	0.0254	0.0254	0.0248
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.09	22.15	22.14	0.0740	0.0750	0.0748
15	QPSK	1	27	22.17	22.27	22.23	0.0738	0.0743	0.0737
15	QPSK	1	74	22.01	22.17	22.00	0.0728	0.0733	0.0724
15	QPSK	36	5	21.31	21.27	21.11	0.0618	0.0612	0.0590
15	QPSK	36	20	21.24	21.26	21.26	0.0614	0.0630	0.0611
15	QPSK	36	25	21.17	21.25	21.16	0.0598	0.0615	0.0610
15	QPSK	75	5	21.24	21.31	21.28	0.0608	0.0618	0.0614
15	16QAM	1	0	21.53	21.72	21.61	0.0650	0.0679	0.0662
15	16QAM	1	37	21.58	21.65	21.47	0.0641	0.0651	0.0644
15	16QAM	1	74	21.56	21.58	21.59	0.0653	0.0658	0.0659
15	16QAM	36	5	20.26	20.39	20.23	0.0485	0.0500	0.0482
15	16QAM	36	20	20.20	20.20	20.16	0.0479	0.0491	0.0474
15	16QAM	36	25	20.38	20.37	20.25	0.0493	0.0498	0.0484
15	16QAM	75	5	20.15	20.34	20.19	0.0473	0.0494	0.0478
15	16QAM	1	0	20.50	20.61	20.64	0.0513	0.0526	0.0530
15	16QAM	1	37	20.45	20.51	20.45	0.0507	0.0516	0.0508
15	16QAM	1	74	20.47	20.54	20.41	0.0509	0.0518	0.0502
15	16QAM	36	5	19.30	19.35	19.19	0.0389	0.0394	0.0379
15	16QAM	36	20	19.22	19.24	19.20	0.0392	0.0397	0.0386
15	16QAM	36	25	19.28	19.31	19.27	0.0390	0.0392	0.0386
15	16QAM	75	5	19.24	19.22	19.13	0.0384	0.0382	0.0374
15	256QAM	1	0	17.48	17.66	17.44	0.0256	0.0255	0.0254
15	256QAM	1	37	17.51	17.63	17.46	0.0257	0.0256	0.0255
15	256QAM	1	74	17.40	17.78	17.58	0.0258	0.0273	0.0262
15	256QAM	36	5	17.37	17.32	17.26	0.0249	0.0247	0.0243
15	256QAM	36	20	17.44	17.55	17.41	0.0254	0.0252	0.0252
15	256QAM	36	25	17.46	17.63	17.48	0.0255	0.0256	0.0254
15	256QAM	75	5	17.36	17.56	17.25	0.0251	0.0251	0.0245
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.10	22.16	22.09	0.0741	0.0755	0.0740
10	QPSK	1	25	22.22	22.35	22.18	0.0780	0.0785	0.0765
10	QPSK	1	49	22.04	22.20	22.05	0.0731	0.0759	0.0733
10	QPSK	25	5	21.25	21.30	21.13	0.0610	0.0617	0.0593
10	QPSK	25	20	21.30	21.45	21.37	0.0617	0.0631	0.0625
10	QPSK	25	25	21.23	21.25	21.16	0.0607	0.0624	0.0597
10	QPSK	50	5	21.23	21.29	21.26	0.0607	0.0615	0.0611
10	16QAM	1	0	21.66	21.78	21.61	0.0651	0.0670	0.0648
10	16QAM	1	49	21.64	21.66	21.54	0.0657	0.0655	0.0652
10	16QAM	1	98	21.59	21.68	21.51	0.0659	0.0663	0.0647
10	16QAM	25	20	20.23	20.39	20.26	0.0482	0.0490	0.0485
10	16QAM	25	25	20.32	20.39	20.27	0.0489	0.0488	0.0485
10	16QAM	50	5	20.38	20.31	20.34	0.0500	0.0491	0.0494
10	16QAM	50	5	20.17	20.26	20.27	0.0475	0.0485	0.0486
10	16QAM	50	24	20.20	20.37	20.27	0.0482	0.0484	0.0480
10	16QAM	50	5	20.18	20.43	20.27	0.0487	0.0477	0.0471
10	16QAM	1	49	20.41	20.46	20.35	0.0502	0.0506	0.0495
10	16QAM	25	5	19.19	19.33	19.19	0.0379	0.0392	0.0379
10	16QAM	25	12	19.17	19.35	19.19	0.0379	0.0394	0.0379
10	16QAM	25	25	19.26	19.36	19.26	0.0387	0.0394	0.0385
10	16QAM	50	5	19.23	19.30	19.18	0.0383	0.0389	0.0379
10	256QAM	1	0	17.44	17.61	17.41	0.0254	0.0257	0.0254
10	256QAM	1	25	17.49	17.61	17.60	0.0256	0.0254	0.0253
10	256QAM	1	49	17.44	17.76	17.65	0.0272	0.0273	0.0266
10	256QAM	25	5	17.47	17.42	17.35	0.0255	0.0252	0.0254
10	256QAM	25	20	17.42	17.62	17.45	0.0256	0.0257	0.0255
10	256QAM	25	25	17.52	17.66	17.50	0.0258	0.0267	0.0257
10	256QAM	50	5	17.37	17.61	17.22	0.0249	0.0254	0.0241
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.13	22.16	22.15	0.0746	0.0752	0.0750
5	QPSK	1	12	22.22	22.34	22.28	0.0762	0.0783	0.0773
5	QPSK	1	24	22.12	22.21	22.08	0.0745	0.0760	0.0738
5	QPSK	12	5	21.30	21.27	21.19	0.0617	0.0612	0.0588
5	QPSK	12	7	21.25	21.28	21.32	0.0610	0.0614	0.0616
5	QPSK	12	13	21.15	21.39	21.20	0.0596	0.0630	0.0603
5	QPSK	12	20	21.22	21.25	21.25	0.0604	0.0615	0.0612
5	16QAM	1	0	21.63	21.68	21.58	0.0655	0.0673	0.0658
5	16QAM	1	12	21.55	21.61	21.54	0.0653	0.0662	0.0652
5	16QAM	1	24	21.57	21.62	21.48	0.0656	0.0664	0.0638
5	16QAM	12	5	20.32	20.38	20.31	0.0480	0.0485	0.0461
5	16QAM	12	7	20.24	20.36	20.26	0.0483	0.0497	0.0485
5	16QAM	12	13	20.36	20.29	20.22	0.0487	0.0489	0.0481
5	16QAM	20	20	20.27	20.17	20.06	0.0479	0.0475	0.0471
5	16QAM	1	0	20.49	20.61	20.56	0.0512	0.0526	0.0520
5	16QAM	1	12	20.40	20.45	20.42	0.0501	0.0507	0.0504
5	16QAM	1	24	20.45	20.45	20.31	0.0507	0.0507	0.0491
5	16QAM	12	5	19.25	19.31	19.12	0.0380	0.0385	0.0373
5	16QAM	12	7	19.25	19.24	19.12	0.0385	0.0384	0.0373
5	16QAM	12	13	19.25	19.37	19.17	0.0385	0.0395	0.0379
5	16QAM	20	20	19.26	19.30	19.14	0.0386	0.0391	0.0375
5	16QAM	1	0	17.43	17.63	17.46	0.0253	0.0259	0.0250
5	256QAM	1	12	17.45	17.62	17.61	0.0254	0.0264	0.0264
5	256QAM	1	24	17.45	17.75	17.64	0.0272	0.0275	0.0265
5	256QAM	12	5	17.48	17.38	17.21	0.0252	0.0255	0.0254
5	256QAM	12	7	17.32	17.54	17.44	0.0247	0.0259	0.0254
5	256QAM	12	13	17.47	17.68	17.51	0.0255	0.0268	0.0258
5	256QAM	20	20	17.39	17.45	17.22	0.0241	0.0256	0.0241
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.04	22.23	22.04	0.0751	0.0764	0.0751
3	QPSK	1	22	22.11	22.22	22.07	0.0750	0.0763	0.0750
3	QPSK	1	44	22.09	22.11	22.04	0.0740	0.0743	0.0731
3	QPSK	6	5	21.27	21.30	21.11	0.0612	0.0617	0.0589
3	QPSK	6	24	21.31	21.37	21.31	0.0614	0.0627	0.0618
3	QPSK	6	7	21.18	21.28	21.25	0.0600	0.0614	0.0610
3	QPSK	15	5	21.22	21.32	21.24	0.0605	0.0619	0.0616
3	QPSK	15	21	21.62	21.70	21.52	0.0651	0.0661	0.0651
3	16QAM	1	0	21.60	21.65	21.53	0.0651	0.0663	0.0650
3	16QAM	1	14	21.57	21.49	21.46	0.0656	0.0664	0.0640
3	16QAM	6	5	20.27	20.38	20.22	0.0480	0.0491	0.0475
3	16QAM	6	24	20.33	20.31	20.25	0.0493	0.0491	0.0488
3	16QAM	6							

Band 12_ANT4										Band 26_ANT4										Band 26_90s_ANT4														
BW (MHz)		Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)		BW (MHz)		Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)		BW (MHz)		Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)						
Channel										Channel										Channel														
Frequency (MHz)		RB Size		RB Offset		Power Low Ch / Freq		Power Middle Ch / Freq		Power High Ch / Freq		Frequency (MHz)		RB Size		RB Offset		Power Low Ch / Freq		Power Middle Ch / Freq		Power High Ch / Freq		Frequency (MHz)		RB Size		RB Offset						
23005		23005		23130		755		707.5		711.5		23005		23005		23130		755		707.5		711.5		23005		23005		23130						
10	QPSK	1	0	22.33	22.44	22.29	0.0262	0.0089	0.0259	0.0259	0.0259	10	QPSK	1	0	22.33	22.44	22.29	0.0262	0.0089	0.0259	0.0259	0.0259	10	QPSK	1	0	22.26	22.37	22.28	0.0258	0.0088	0.0256	0.0256
10	QPSK	1	25	22.32	22.49	22.31	0.0264	0.0272	0.0261	0.0261	0.0261	10	QPSK	1	25	22.32	22.49	22.31	0.0264	0.0272	0.0261	0.0261	0.0261	10	QPSK	1	25	22.27	22.44	22.26	0.0260	0.0268	0.0257	0.0257
10	QPSK	1	40	22.34	22.37	22.33	0.0262	0.0264	0.0262	0.0262	0.0262	10	QPSK	1	40	22.34	22.37	22.33	0.0262	0.0264	0.0262	0.0262	0.0262	10	QPSK	1	40	22.31	22.34	22.29	0.0260	0.0262	0.0259	0.0259
10	QPSK	25	0	21.11	21.23	21.18	0.0198	0.0203	0.0201	0.0201	0.0201	10	QPSK	25	0	21.11	21.23	21.18	0.0198	0.0203	0.0201	0.0201	0.0201	10	QPSK	25	0	21.10	21.22	21.09	0.0197	0.0202	0.0200	0.0200
10	QPSK	25	12	21.23	21.28	21.19	0.0203	0.0206	0.0201	0.0201	0.0201	10	QPSK	25	12	21.23	21.28	21.19	0.0203	0.0206	0.0201	0.0201	0.0201	10	QPSK	25	12	21.20	21.25	21.12	0.0201	0.0205	0.0200	0.0200
10	QPSK	25	26	21.21	21.27	21.21	0.0201	0.0205	0.0201	0.0201	0.0201	10	QPSK	25	26	21.21	21.27	21.21	0.0201	0.0205	0.0201	0.0201	0.0201	10	QPSK	25	26	21.19	21.24	21.16	0.0200	0.0204	0.0199	0.0199
10	16QAM	1	0	21.38	21.51	21.40	0.0210	0.0217	0.0211	0.0211	0.0211	10	16QAM	1	0	21.38	21.51	21.40	0.0210	0.0217	0.0211	0.0211	0.0211	10	16QAM	1	0	21.25	21.40	21.25	0.0208	0.0215	0.0207	0.0207
10	16QAM	1	25	21.50	21.59	21.52	0.0216	0.0221	0.0217	0.0217	0.0217	10	16QAM	1	25	21.50	21.59	21.52	0.0216	0.0221	0.0217	0.0217	0.0217	10	16QAM	1	25	21.48	21.57	21.49	0.0216	0.0220	0.0215	0.0215
10	16QAM	1	40	21.34	21.42	21.34	0.0208	0.0212	0.0208	0.0208	0.0208	10	16QAM	1	40	21.34	21.42	21.34	0.0208	0.0212	0.0208	0.0208	0.0208	10	16QAM	1	40	21.32	21.40	21.32	0.0208	0.0211	0.0207	0.0207
10	16QAM	25	0	20.15	20.29	20.14	0.0158	0.0164	0.0158	0.0158	0.0158	10	16QAM	25	0	20.15	20.29	20.14	0.0158	0.0164	0.0158	0.0158	0.0158	10	16QAM	25	0	20.14	20.28	20.14	0.0158	0.0163	0.0157	0.0157
10	16QAM	25	12	20.26	20.31	20.17	0.0163	0.0164	0.0159	0.0159	0.0159	10	16QAM	25	12	20.26	20.31	20.17	0.0163	0.0164	0.0159	0.0159	0.0159	10	16QAM	25	12	20.24	20.29	20.20	0.0162	0.0163	0.0157	0.0157
10	16QAM	25	26	20.28	20.32	20.17	0.0163	0.0165	0.0159	0.0159	0.0159	10	16QAM	25	26	20.28	20.32	20.17	0.0163	0.0165	0.0159	0.0159	0.0159	10	16QAM	25	26	20.26	20.30	20.20	0.0162	0.0164	0.0157	0.0157
10	16QAM	50	0	20.17	20.34	20.09	0.0159	0.0162	0.0158	0.0158	0.0158	10	16QAM	50	0	20.17	20.34	20.09	0.0159	0.0162	0.0158	0.0158	0.0158	10	16QAM	50	0	20.16	20.33	20.09	0.0159	0.0162	0.0157	0.0157
10	64QAM	1	0	20.40	20.52	20.40	0.0168	0.0173	0.0168	0.0168	0.0168	10	64QAM	1	0	20.40	20.52	20.40	0.0168	0.0173	0.0168	0.0168	0.0168	10	64QAM	1	0	20.39	20.51	20.39	0.0168	0.0172	0.0167	0.0167
10	64QAM	1	25	20.52	20.55	20.53	0.0173	0.0174	0.0173	0.0173	0.0173	10	64QAM	1	25	20.52	20.55	20.53	0.0173	0.0174	0.0173	0.0173	0.0173	10	64QAM	1	25	20.51	20.54	20.51	0.0173	0.0173	0.0171	0.0171
10	64QAM	1	40	20.42	20.47	20.42	0.0168	0.0171	0.0168	0.0168	0.0168	10	64QAM	1	40	20.42	20.47	20.42	0.0168	0.0171	0.0168	0.0168	0.0168	10	64QAM	1	40	20.41	20.46	20.41	0.0168	0.0170	0.0167	0.0167
10	64QAM	25	0	19.23	19.31	19.18	0.0128	0.0131	0.0127	0.0127	0.0127	10	64QAM	25	0	19.23	19.31	19.18	0.0128	0.0131	0.0127	0.0127	0.0127	10	64QAM	25	0	19.22	19.30	19.22	0.0128	0.0130	0.0127	0.0127
10	64QAM	25	12	19.21	19.28	19.14	0.0128	0.0130	0.0126	0.0126	0.0126	10	64QAM	25	12	19.21	19.28	19.14	0.0128	0.0130	0.0126	0.0126	0.0126	10	64QAM	25	12	19.20	19.27	19.20	0.0128	0.0130	0.0127	0.0127
10	64QAM	25	26	19.16	19.21	19.06	0.0126	0.0127	0.0124	0.0124	0.0124	10	64QAM	25	26	19.16	19.21	19.06	0.0126	0.0127	0.0124	0.0124	0.0124	10	64QAM	25	26	19.15	19.20	19.15	0.0126	0.0127	0.0124	0.0124
10	64QAM	50	0	19.18	19.21	19.10	0.0127	0.0128	0.0124	0.0124	0.0124	10	64QAM	50	0	19.18	19.21	19.10	0.0127	0.0128	0.0124	0.0124	0.0124	10	64QAM	50	0	19.17	19.20	19.17	0.0127	0.0128	0.0124	0.0124
10	256QAM	1	0	17.30	17.38	17.31	0.0082	0.0084	0.0082	0.0082	0.0082	10	256QAM	1	0	17.30	17.38	17.31	0.0082	0.0084	0.0082	0.0082	0.0082	10	256QAM	1	0	17.29	17.37	17.29	0.0082	0.0084	0.0082	0.0082
10	256QAM	1	25	17.38	17.41	17.40	0.0083	0.0086	0.0084	0.0084	0.0084	10	256QAM	1	25	17.38	17.41	17.40	0.0083	0.0086	0.0084	0.0084	0.0084	10	256QAM	1	25	17.37	17.40	17.37	0.0083	0.0086	0.0084	0.0084
10	256QAM	1	40	17.39	17.42	17.39	0.0084	0.0086	0.0084	0.0084	0.0084	10	256QAM	1	40	17.39	17.42	17.39	0.0084	0.0086	0.0084	0.0084	0.0084	10	256QAM	1	40	17.38	17.41	17.38	0.0084	0.0086	0.0084	0.0084
10	256QAM	25	0	17.23	17.36	17.21	0.0081	0.0083	0.0081	0.0081	0.0081	10	256QAM	25	0	17.23	17.36	17.21	0.0081	0.0083	0.0081	0.0081	0.0081	10	256QAM	25	0	17.22	17.35	17.22	0.0081	0.0083	0.0081	0.0081
10	256QAM	25	12	17.34	17.31	17.31	0.0083	0.0084	0.0082	0.0082	0.0082	10	256QAM	25	12	17.34	17.31	17.31	0.0083	0.0084	0.0082	0.0082	0.0082	10	256QAM	25	12	17.33	17.30	17.33	0.0083	0.0084	0.0082	0.0082
10	256QAM	25	26	17.25	17.40	17.38	0.0081	0.0084	0.0084	0.0084	0.0084	10	256QAM	25	26	17.25	17.40	17.38	0.0081	0.0084	0.0084	0.0084	0.0084	10	256QAM	25	26	17.24	17.39	17.37	0.0081	0.0084	0.0084	0.0084
10	256QAM	50	0	17.29	17.38	17.35	0.0082	0.0084	0.0082	0.0082	0.0082	10	256QAM	50	0	17.29	17.38	17.35	0.0082	0.0084	0.0082	0.0082	0.0082	10	256QAM	50	0	17.28	17.37	17.36	0.0082	0.0084	0.0082	0.0082
Channel										Channel										Channel														
Frequency (MHz)		RB Size		RB Offset		Power Low Ch / Freq		Power Middle Ch / Freq		Power High Ch / Freq		Frequency (MHz)		RB Size		RB Offset		Power Low Ch / Freq		Power Middle Ch / Freq		Power High Ch / Freq		Frequency (MHz)		RB Size		RB Offset						
23005		23005		23130		755		707.5		711.5		23005		23005		23130		755		707.5		711.5		23005		23005		23130						
5	QPSK	1	0	22.28	22.37	22.20	0.0259	0.0264	0.0254	0.0254	0.0254	5																						

Band 66_ANT4										
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Power Low Ch (Freq)	Power Middle Ch (Freq)	Power High Ch (Freq)	EIRP(W)		
Channel					150072	15202	15202	EIRP(W)		
Frequency (MHz)					L	M	H			
20	QPSK	1	0	22.18	22.31	22.16	0.0705	0.0778	0.0752	
20	QPSK	1	49	22.25	22.37	22.22	0.0787	0.0789	0.0762	
20	QPSK	1	98	22.12	22.19	22.16	0.0745	0.0753	0.0752	
20	QPSK	50	0	21.18	21.33	21.18	0.0600	0.0621	0.0600	
20	QPSK	50	24	21.29	21.37	21.26	0.0615	0.0627	0.0611	
20	QPSK	50	49	21.22	21.32	21.27	0.0605	0.0616	0.0610	
20	16QAM	1	0	21.62	21.70	21.63	0.0684	0.0676	0.0665	
20	16QAM	1	49	21.69	21.74	21.60	0.0675	0.0662	0.0661	
20	16QAM	1	98	21.48	21.51	21.46	0.0643	0.0647	0.0640	
20	16QAM	50	0	20.34	20.35	20.32	0.0494	0.0495	0.0492	
20	16QAM	50	24	20.20	20.34	20.32	0.0479	0.0494	0.0492	
20	16QAM	50	49	20.27	20.32	20.27	0.0486	0.0492	0.0489	
20	16QAM	100	0	20.22	20.31	20.25	0.0481	0.0491	0.0484	
20	64QAM	1	0	20.56	20.68	20.59	0.0620	0.0639	0.0624	
20	64QAM	1	49	20.45	20.59	20.53	0.0607	0.0624	0.0616	
20	64QAM	1	98	20.39	20.41	20.35	0.0590	0.0602	0.0595	
20	64QAM	50	0	19.25	19.36	19.30	0.0385	0.0394	0.0389	
20	64QAM	50	24	19.18	19.30	19.22	0.0378	0.0389	0.0382	
20	64QAM	50	49	19.23	19.33	19.21	0.0389	0.0392	0.0391	
20	64QAM	100	0	19.17	19.30	19.26	0.0378	0.0389	0.0385	
20	256QAM	1	0	17.19	17.34	17.24	0.0236	0.0248	0.0242	
20	256QAM	1	49	17.16	17.31	17.25	0.0238	0.0246	0.0243	
20	256QAM	1	98	17.44	17.32	17.35	0.0237	0.0247	0.0243	
20	256QAM	50	0	17.13	17.35	17.22	0.0236	0.0248	0.0241	
20	256QAM	50	24	17.19	17.35	17.12	0.0239	0.0248	0.0236	
20	256QAM	50	49	17.14	17.39	17.25	0.0237	0.0251	0.0243	
20	256QAM	100	0	17.27	17.37	17.21	0.0244	0.0247	0.0240	
Channel					150047	152022	152027	EIRP(W)		
Frequency (MHz)					L	M	H			
15	QPSK	1	0	22.14	22.17	22.04	0.0748	0.0753	0.0731	
15	QPSK	1	37	22.11	22.24	22.15	0.0743	0.0760	0.0750	
15	QPSK	1	74	22.01	22.05	22.11	0.0726	0.0733	0.0743	
15	QPSK	36	0	21.10	21.25	21.12	0.0589	0.0610	0.0592	
15	QPSK	36	29	21.23	21.30	21.11	0.0607	0.0617	0.0600	
15	QPSK	36	57	21.11	21.30	21.24	0.0590	0.0617	0.0608	
15	QPSK	75	0	21.18	21.27	21.15	0.0600	0.0612	0.0596	
15	16QAM	1	0	21.59	21.63	21.51	0.0659	0.0665	0.0647	
15	16QAM	1	37	21.66	21.60	21.58	0.0610	0.0614	0.0608	
15	16QAM	1	74	21.33	21.50	21.44	0.0621	0.0640	0.0637	
15	16QAM	36	0	20.28	20.20	20.30	0.0488	0.0479	0.0490	
15	16QAM	36	29	20.18	20.30	20.29	0.0476	0.0490	0.0489	
15	16QAM	36	58	20.13	20.25	20.24	0.0471	0.0484	0.0483	
15	16QAM	75	0	20.12	20.24	20.24	0.0470	0.0483	0.0483	
15	64QAM	1	0	20.55	20.60	20.46	0.0619	0.0625	0.0608	
15	64QAM	1	37	20.38	20.12	20.39	0.0492	0.0515	0.0500	
15	64QAM	1	74	20.31	20.35	20.29	0.0491	0.0495	0.0489	
15	64QAM	36	0	19.20	19.21	19.23	0.0380	0.0381	0.0383	
15	64QAM	36	29	19.15	19.28	19.19	0.0376	0.0387	0.0381	
15	64QAM	36	58	19.16	19.29	19.19	0.0377	0.0388	0.0379	
15	64QAM	75	0	19.04	19.26	19.17	0.0366	0.0385	0.0378	
15	256QAM	1	0	17.08	17.24	17.18	0.0233	0.0242	0.0239	
15	256QAM	1	37	17.03	17.22	17.16	0.0231	0.0241	0.0238	
15	256QAM	1	74	17.03	17.17	17.21	0.0231	0.0238	0.0240	
15	256QAM	36	0	17.06	17.32	17.07	0.0232	0.0247	0.0233	
15	256QAM	36	29	17.16	17.31	17.05	0.0238	0.0246	0.0232	
15	256QAM	36	58	17.10	17.24	17.11	0.0234	0.0242	0.0235	
15	256QAM	75	0	17.17	17.34	17.12	0.0236	0.0248	0.0236	
Channel					153022	153022	153022	EIRP(W)		
Frequency (MHz)					L	M	H			
10	QPSK	1	0	22.12	22.37	22.15	0.0745	0.0771	0.0750	
10	QPSK	1	25	22.24	22.30	22.13	0.0766	0.0776	0.0746	
10	QPSK	1	49	22.02	22.09	22.04	0.0728	0.0740	0.0731	
10	QPSK	25	0	21.06	21.25	21.13	0.0583	0.0610	0.0593	
10	QPSK	25	12	21.27	21.28	21.24	0.0612	0.0614	0.0608	
10	QPSK	25	25	21.19	21.22	21.21	0.0601	0.0605	0.0604	
10	QPSK	50	0	21.17	21.31	21.18	0.0598	0.0604	0.0600	
10	16QAM	1	0	21.56	21.63	21.51	0.0655	0.0658	0.0643	
10	16QAM	1	25	21.55	21.63	21.51	0.0653	0.0663	0.0647	
10	16QAM	1	49	21.33	21.39	21.31	0.0621	0.0630	0.0618	
10	16QAM	25	0	20.20	20.21	20.31	0.0470	0.0480	0.0491	
10	16QAM	25	12	20.05	20.12	20.23	0.0462	0.0465	0.0462	
10	16QAM	25	25	20.26	20.19	20.15	0.0485	0.0478	0.0473	
10	16QAM	50	0	20.10	20.19	20.22	0.0468	0.0478	0.0481	
10	64QAM	1	0	20.55	20.67	20.49	0.0619	0.0623	0.0612	
10	64QAM	1	25	20.37	20.45	20.52	0.0498	0.0507	0.0515	
10	64QAM	1	49	20.34	20.40	20.33	0.0494	0.0501	0.0493	
10	64QAM	25	0	19.17	19.35	19.21	0.0378	0.0394	0.0391	
10	64QAM	25	12	19.13	19.34	19.09	0.0374	0.0384	0.0371	
10	64QAM	25	25	19.20	19.20	19.19	0.0380	0.0380	0.0379	
10	64QAM	50	0	19.02	19.16	19.25	0.0365	0.0377	0.0385	
10	256QAM	1	0	17.16	17.29	17.19	0.0238	0.0246	0.0234	
10	256QAM	1	25	17.08	17.20	17.20	0.0233	0.0240	0.0240	
10	256QAM	1	49	17.09	17.27	17.15	0.0234	0.0244	0.0237	
10	256QAM	25	0	17.08	17.22	17.17	0.0233	0.0241	0.0238	
10	256QAM	25	12	17.11	17.23	17.11	0.0238	0.0242	0.0235	
10	256QAM	25	25	17.06	17.37	17.16	0.0232	0.0249	0.0238	
10	256QAM	50	0	17.15	17.30	17.08	0.0237	0.0245	0.0233	
Channel					153079	152022	153027	EIRP(W)		
Frequency (MHz)					L	M	H			
5	QPSK	1	0	22.12	22.24	22.14	0.0745	0.0769	0.0748	
5	QPSK	1	12	22.16	22.25	22.09	0.0752	0.0767	0.0740	
5	QPSK	1	24	22.07	22.08	22.15	0.0736	0.0738	0.0750	
5	QPSK	12	0	21.03	21.29	21.06	0.0579	0.0616	0.0593	
5	QPSK	12	7	21.26	21.35	21.12	0.0611	0.0624	0.0592	
5	QPSK	12	13	21.15	21.17	21.10	0.0596	0.0598	0.0589	
5	QPSK	25	0	21.15	21.23	21.14	0.0596	0.0607	0.0594	
5	16QAM	1	0	21.55	21.61	21.49	0.0658	0.0662	0.0644	
5	16QAM	1	12	21.55	21.65	21.58	0.0653	0.0668	0.0658	
5	16QAM	1	24	21.37	21.39	21.35	0.0627	0.0630	0.0624	
5	16QAM	12	0	20.26	20.12	20.27	0.0465	0.0462	0.0468	
5	16QAM	12	7	20.16	20.20	20.28	0.0474	0.0479	0.0488	
5	16QAM	12	13	20.15	20.25	20.20	0.0473	0.0484	0.0479	
5	16QAM	25	0	20.11	20.19	20.10	0.0469	0.0475	0.0468	
5	64QAM	1	0	20.46	20.63	20.46	0.0608	0.0628	0.0608	
5	64QAM	1	12	20.39	20.47	20.44	0.0600	0.0609	0.0606	
5	64QAM	1	24	20.30	20.33	20.26	0.0590	0.0593	0.0585	
5	64QAM	12	0	19.21	19.22	19.17	0.0381	0.0382	0.0378	
5	64QAM	12	7	19.12	19.25	19.15	0.0373	0.0385	0.0376	
5	64QAM	12	13	19.17	19.29	19.11	0.0378	0.0388	0.0372	
5	64QAM	25	0	19.10	19.28	19.16	0.0372	0.0387	0.0376	
5	256QAM	1	1	17.09	17.32	17.09	0.0234	0.0247	0.0234	
5	256QAM	1	12	17.02	17.19	17.15	0.0230	0.0239	0.0237	
5	256QAM	1	24	17.05	17.24	17.22	0.0232	0.0242	0.0241	
5	256QAM	12	0	17.11	17.27	17.12	0.0235	0.0244	0.0238	
5	256QAM	12	7	17.14	17.23	17.02	0.0237	0.0243	0.0230	
5	256QAM	12	13	17.16	17.24	17.24	0.0238	0.0241	0.0234	
5	256QAM	25	0	17.24	17.27	17.25	0.0242	0.0241	0.0237	
Channel					153087	152022	153027	EIRP(W)		
Frequency (MHz)					L	M	H			
3	QPSK	1	0	22.14	22.19	22.14	0.0731	0.0757	0.0736	
3	QPSK	1	8	22.24	22.34	22.11	0.0763	0.0783	0.0748	
3	QPSK	1	14	22.07	22.08	22.08	0.0736	0.0735	0.0748	
3	QPSK	1	15	21.15	21.18	21.12	0.0581	0.0607	0.0584	
3	QPSK	8	0	21.27	21.23	21.14	0.0612	0.0607	0.0594	
3	QPSK	8	7	21.09	21.21	21.23	0.0587	0.0594	0.0597	
3	QPSK	15	0	21.22	21.17	21.06				

Band 38_ANT4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co [Frac]	Power Middle Co [Frac]	Power High Co [Frac]	ERP(W)			
Channel										
Frequency (MHz)				37850	38000	38150				
20	QPSK	1	0	23.03	23.14	23.07	0.0762	0.0862	0.0778	0.0778
20	QPSK	1	49	23.15	23.13	23.13	0.0764	0.0818	0.0820	0.0820
20	QPSK	1	99	23.08	23.18	23.09	0.0791	0.0809	0.0791	0.0791
20	QPSK	50	0	22.08	22.23	22.10	0.0628	0.0650	0.0631	0.0631
20	QPSK	50	24	22.27	22.30	22.28	0.0666	0.0661	0.0663	0.0663
20	QPSK	50	50	22.19	22.29	22.16	0.0644	0.0609	0.0640	0.0640
20	QPSK	100	0	22.16	22.25	22.18	0.0640	0.0563	0.0563	0.0563
20	16QAM	1	0	22.06	22.14	22.09	0.0625	0.0617	0.0617	0.0617
20	16QAM	1	49	22.29	22.30	22.19	0.0669	0.0661	0.0666	0.0666
20	16QAM	1	99	22.11	22.18	22.08	0.0632	0.0643	0.0628	0.0628
20	16QAM	50	0	21.18	21.20	21.12	0.0511	0.0513	0.0504	0.0504
20	16QAM	50	24	21.16	21.13	21.13	0.0503	0.0503	0.0503	0.0503
20	16QAM	50	50	21.24	21.27	21.25	0.0518	0.0521	0.0519	0.0519
20	16QAM	100	0	21.11	21.23	21.18	0.0502	0.0516	0.0511	0.0511
20	64QAM	1	0	21.16	21.17	21.18	0.0491	0.0491	0.0497	0.0497
20	64QAM	1	49	21.03	21.13	21.10	0.0493	0.0505	0.0501	0.0501
20	64QAM	1	99	21.01	21.14	21.00	0.0491	0.0506	0.0500	0.0500
20	64QAM	50	0	20.17	20.20	20.17	0.0465	0.0467	0.0469	0.0469
20	64QAM	50	24	20.10	20.25	20.17	0.0398	0.0412	0.0405	0.0405
20	64QAM	50	50	20.26	20.29	20.21	0.0413	0.0416	0.0408	0.0408
20	64QAM	100	0	20.20	20.23	20.22	0.0407	0.0410	0.0409	0.0409
20	256QAM	1	0	18.15	18.20	18.18	0.0256	0.0257	0.0256	0.0256
20	256QAM	1	49	18.13	18.23	18.14	0.0263	0.0269	0.0264	0.0264
20	256QAM	1	99	18.15	18.30	18.14	0.0254	0.0263	0.0254	0.0254
20	256QAM	50	0	18.11	18.23	18.13	0.0253	0.0253	0.0253	0.0253
20	256QAM	50	24	18.08	18.32	18.14	0.0250	0.0264	0.0254	0.0254
20	256QAM	50	50	18.05	18.18	18.19	0.0248	0.0256	0.0256	0.0256
20	256QAM	100	0	18.16	18.16	18.22	0.0255	0.0256	0.0256	0.0256
Channel										
Frequency (MHz)				2577.5	2595	2612.5	L	M	H	H
15	QPSK	1	0	22.88	23.11	22.86	0.0755	0.0796	0.0789	0.0789
15	QPSK	1	49	23.06	23.15	23.05	0.0787	0.0824	0.0795	0.0787
15	QPSK	1	74	22.97	23.14	23.06	0.0771	0.0802	0.0786	0.0786
15	QPSK	36	0	22.00	22.09	22.08	0.0617	0.0630	0.0628	0.0628
15	QPSK	36	24	22.21	22.22	22.21	0.0647	0.0641	0.0640	0.0640
15	QPSK	36	39	22.12	22.20	22.03	0.0634	0.0646	0.0621	0.0621
15	QPSK	75	0	22.15	22.15	22.03	0.0638	0.0638	0.0621	0.0621
15	16QAM	1	0	22.03	22.08	22.09	0.0621	0.0621	0.0609	0.0609
15	16QAM	1	37	22.28	22.29	22.10	0.0658	0.0609	0.0631	0.0631
15	16QAM	1	74	22.06	22.09	22.09	0.0625	0.0630	0.0624	0.0624
15	16QAM	36	0	21.10	21.18	21.03	0.0501	0.0511	0.0493	0.0493
15	16QAM	36	20	21.06	21.23	21.05	0.0497	0.0505	0.0490	0.0490
15	16QAM	36	39	21.21	21.26	21.23	0.0514	0.0520	0.0516	0.0516
15	16QAM	75	0	21.04	21.09	21.17	0.0494	0.0500	0.0500	0.0500
15	64QAM	1	0	20.18	20.18	20.19	0.0485	0.0487	0.0482	0.0482
15	64QAM	1	37	20.30	20.39	20.37	0.0479	0.0489	0.0486	0.0486
15	64QAM	1	74	20.37	21.13	20.34	0.0486	0.0505	0.0483	0.0483
15	64QAM	36	0	20.13	20.25	20.13	0.0461	0.0464	0.0461	0.0461
15	64QAM	36	20	20.06	20.15	20.13	0.0394	0.0403	0.0401	0.0401
15	64QAM	36	39	20.19	20.14	20.13	0.0406	0.0402	0.0401	0.0401
15	64QAM	75	0	20.15	20.18	20.16	0.0403	0.0406	0.0404	0.0404
15	256QAM	1	0	18.15	18.13	18.12	0.0254	0.0253	0.0253	0.0253
15	256QAM	1	37	18.11	18.13	18.02	0.0252	0.0263	0.0247	0.0247
15	256QAM	1	74	18.07	18.22	18.03	0.0249	0.0258	0.0247	0.0247
15	256QAM	36	0	18.02	18.07	18.07	0.0247	0.0254	0.0254	0.0254
15	256QAM	36	20	18.03	18.22	18.11	0.0247	0.0258	0.0252	0.0252
15	256QAM	36	39	17.93	18.06	18.05	0.0242	0.0249	0.0248	0.0248
15	256QAM	75	0	18.06	18.07	18.06	0.0246	0.0246	0.0246	0.0246
Channel										
Frequency (MHz)				37850	38000	38200	ERP(W)		ERP(W)(C)	
10	QPSK	1	0	2575	2595	2615	L	M	H	H
10	QPSK	1	25	23.00	23.00	22.92	0.0776	0.0792	0.0792	0.0792
10	QPSK	1	49	23.01	23.05	23.06	0.0778	0.0785	0.0785	0.0785
10	QPSK	25	0	22.05	22.17	22.01	0.0624	0.0641	0.0618	0.0618
10	QPSK	25	12	22.28	22.22	22.23	0.0646	0.0643	0.0645	0.0645
10	QPSK	25	25	22.15	22.20	22.00	0.0630	0.0605	0.0625	0.0625
10	QPSK	50	0	22.08	22.24	22.12	0.0628	0.0562	0.0564	0.0564
10	16QAM	1	0	21.10	21.21	21.18	0.0505	0.0514	0.0504	0.0504
10	16QAM	1	25	22.27	22.27	22.12	0.0606	0.0606	0.0604	0.0604
10	16QAM	1	49	21.08	21.22	21.12	0.0506	0.0506	0.0506	0.0506
10	16QAM	1	99	21.03	21.27	21.10	0.0505	0.0506	0.0506	0.0506
10	16QAM	25	0	21.18	21.16	21.09	0.0503	0.0503	0.0506	0.0506
10	16QAM	25	12	21.15	21.15	21.16	0.0507	0.0500	0.0501	0.0501
10	16QAM	25	25	21.22	21.15	21.13	0.0515	0.0507	0.0509	0.0509
10	16QAM	50	0	20.36	21.12	21.03	0.0485	0.0504	0.0493	0.0493
10	64QAM	1	0	20.03	20.02	21.00	0.0462	0.0461	0.0460	0.0460
10	64QAM	1	25	20.34	21.06	21.00	0.0483	0.0487	0.0480	0.0480
10	64QAM	1	49	20.36	21.08	20.35	0.0474	0.0489	0.0484	0.0484
10	64QAM	25	0	20.07	20.19	20.04	0.0395	0.0406	0.0399	0.0399
10	64QAM	25	12	19.95	20.11	20.10	0.0385	0.0399	0.0398	0.0398
10	64QAM	25	25	20.11	20.17	20.08	0.0399	0.0405	0.0394	0.0394
10	64QAM	50	0	20.10	20.20	20.14	0.0398	0.0407	0.0402	0.0402
10	256QAM	1	0	18.15	18.17	18.11	0.0254	0.0255	0.0250	0.0250
10	256QAM	1	25	18.01	18.16	18.01	0.0246	0.0255	0.0246	0.0246
10	256QAM	1	49	18.05	18.29	18.08	0.0248	0.0252	0.0250	0.0250
10	256QAM	25	0	18.09	18.13	18.00	0.0251	0.0253	0.0245	0.0245
10	256QAM	25	12	17.97	18.19	18.04	0.0244	0.0256	0.0248	0.0248
10	256QAM	25	25	18.04	18.12	18.18	0.0248	0.0252	0.0256	0.0256
10	256QAM	50	0	18.04	18.17	18.16	0.0248	0.0255	0.0255	0.0255
Channel										
Frequency (MHz)				37775	38000	38200	ERP(W)		ERP(W)(C)	
5	QPSK	1	0	2572.5	2595	2617.5	L	M	H	H
5	QPSK	1	0	23.00	23.12	23.00	0.0776	0.0800	0.0776	0.0776
5	QPSK	1	12	22.89	23.16	23.09	0.0774	0.0805	0.0793	0.0793
5	QPSK	1	24	22.99	23.14	22.96	0.0774	0.0802	0.0787	0.0787
5	QPSK	12	0	22.03	22.11	21.99	0.0607	0.0632	0.0615	0.0615
5	QPSK	12	7	22.14	22.20	22.20	0.0637	0.0646	0.0646	0.0646
5	QPSK	12	13	22.13	22.22	22.05	0.0635	0.0649	0.0624	0.0624
5	QPSK	25	0	22.09	22.17	22.07	0.0630	0.0641	0.0627	0.0627
5	16QAM	1	0	22.03	21.99	21.89	0.0621	0.0615	0.0601	0.0601
5	16QAM	1	12	22.19	22.22	22.13	0.0644	0.0649	0.0635	0.0635
5	16QAM	1	24	22.08	22.04	22.01	0.0628	0.0622	0.0618	0.0618
5	16QAM	12	0	21.04	21.05	21.05	0.0494	0.0495	0.0495	0.0495
5	16QAM	12	7	21.06	21.12	21.07	0.0497	0.0504	0.0497	0.0497
5	16QAM	12	13	21.15	21.23	21.19	0.0507	0.0516	0.0512	0.0512
5	16QAM	25	0	21.07	21.08	21.17	0.0498	0.0499	0.0509	0.0509
5	64QAM	1	0	20.02	21.02	20.95	0.0461	0.0462	0.0464	0.0464
5	64QAM	1	12	20.34	21.07	21.09	0.0483	0.0486	0.0480	0.0480
5	64QAM	1	24	20.38	21.00	20.90	0.0476	0.0480	0.0479	0.0479
5	64QAM	12	0	20.11	20.09	20.03	0.0399	0.0397	0.0392	0.0392
5	64QAM	12	7	20.01	20.23	20.03	0.0390	0.0410	0.0392	0.0392
5	64QAM	12	13	20.17	20.20	20.18	0.0405	0.0407	0.0403	0.0403
5	64QAM	25	0	20.09	20.12	20.15	0.0397	0.0400	0.0403	0.0403
5	256QAM	1	0	18.13	18.13	18.08	0.0253	0.0253	0.0250	0.0250
5	256QAM	1	12	18.07	18.12	18.13	0.0249	0.0252	0.0253	0.0253
5	256QAM	1	24	18.06	18.28	18.11	0.0249	0.0252	0.0254	0.0254
5	256QAM	12	0	18.02	18.18					

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Combination 20MHz+20MHz (100RB+100RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
L 132027_132270	QPSK	100	0	100	0	21.08	0.0598		
	QPSK	1	0	1	99	14.60	0.0132		
	QPSK	1	99	1	0	21.08	0.0718		
M 132323_132521	QPSK	100	0	100	0	21.08	0.0582		
	QPSK	1	0	1	99	14.58	0.0132		
	QPSK	1	99	1	0	21.04	0.0714		
H 132374_132572	QPSK	100	0	100	0	20.97	0.0571		
	QPSK	1	0	1	99	14.47	0.0128		
	QPSK	1	99	1	0	21.89	0.0706		
L 132072_132270	16QAM	100	0	100	0	20.09	0.0467		
	16QAM	1	0	1	99	14.63	0.0133		
	16QAM	1	99	1	0	22.15	0.0750		
M 132323_132521	16QAM	100	0	100	0	20.02	0.0453		
	16QAM	1	0	1	99	14.60	0.0132		
	16QAM	1	99	1	0	22.03	0.0729		
H 132374_132572	16QAM	100	0	100	0	19.97	0.0464		
	16QAM	1	0	1	99	14.49	0.0129		
	16QAM	1	99	1	0	22.11	0.0743		
L 132072_132270	64QAM	100	0	100	0	20.07	0.0465		
	64QAM	1	0	1	99	14.63	0.0133		
	64QAM	1	99	1	0	21.46	0.0640		
M 132323_132521	64QAM	100	0	100	0	20.06	0.0463		
	64QAM	1	0	1	99	14.75	0.0135		
	64QAM	1	99	1	0	21.35	0.0617		
H 132374_132572	64QAM	100	0	100	0	19.95	0.0462		
	64QAM	1	0	1	99	14.77	0.0137		
	64QAM	1	99	1	0	21.44	0.0637		
L 132072_132270	256QAM	100	0	100	0	19.36	0.0313		
	256QAM	1	0	1	99	14.67	0.0134		
	256QAM	1	99	1	0	18.45	0.0320		
M 132323_132521	256QAM	100	0	100	0	18.35	0.0313		
	256QAM	1	0	1	99	14.52	0.0129		
	256QAM	1	99	1	0	18.44	0.0313		
H 132374_132572	256QAM	100	0	100	0	18.27	0.0307		
	256QAM	1	0	1	99	14.54	0.0130		
	256QAM	1	99	1	0	18.30	0.0309		
Combination 20MHz+15MHz (100RB+75RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
L 132005_132122	QPSK	100	0	75	0	21.00	0.0578		
	QPSK	1	0	1	74	14.53	0.0130		
	QPSK	1	99	1	0	21.89	0.0706		
M 132330_132447	QPSK	100	0	75	0	20.97	0.0571		
	QPSK	1	0	1	74	14.48	0.0128		
	QPSK	1	99	1	0	21.87	0.0703		
H 132450_132572	QPSK	100	0	75	0	20.88	0.0560		
	QPSK	1	0	1	74	14.39	0.0126		
	QPSK	1	99	1	0	21.78	0.0689		
L 132005_132122	16QAM	100	0	75	0	20.07	0.0465		
	16QAM	1	0	1	74	14.61	0.0132		
	16QAM	1	99	1	0	22.06	0.0735		
M 132330_132447	16QAM	100	0	75	0	19.95	0.0462		
	16QAM	1	0	1	74	14.63	0.0133		
	16QAM	1	99	1	0	21.10	0.0601		
H 132450_132572	16QAM	100	0	75	0	19.88	0.0463		
	16QAM	1	0	1	74	14.64	0.0133		
	16QAM	1	99	1	0	21.34	0.0622		
L 132005_132122	256QAM	100	0	75	0	18.25	0.0305		
	256QAM	1	0	1	74	14.64	0.0133		
	256QAM	1	99	1	0	18.37	0.0314		
M 132330_132447	256QAM	100	0	75	0	18.31	0.0310		
	256QAM	1	0	1	74	14.41	0.0126		
	256QAM	1	99	1	0	18.32	0.0310		
H 132450_132572	256QAM	100	0	75	0	18.15	0.0299		
	256QAM	1	0	1	74	14.53	0.0130		
	256QAM	1	99	1	0	18.16	0.0299		
Combination 15MHz+20MHz (75RB+100RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
L 132005_132221	QPSK	75	0	100	0	21.00	0.0578		
	QPSK	1	0	1	99	14.53	0.0130		
	QPSK	1	74	1	0	21.90	0.0708		
M 132325_132486	QPSK	75	0	100	0	21.02	0.0578		
	QPSK	1	0	1	99	14.50	0.0130		
	QPSK	1	74	1	0	21.87	0.0703		
H 132401_132572	QPSK	75	0	100	0	20.90	0.0562		
	QPSK	1	0	1	99	14.31	0.0123		
	QPSK	1	74	1	0	21.88	0.0705		
L 132005_132221	16QAM	75	0	100	0	20.02	0.0459		
	16QAM	1	0	1	99	14.50	0.0130		
	16QAM	1	74	1	0	22.00	0.0724		
M 132325_132486	16QAM	75	0	100	0	19.98	0.0455		
	16QAM	1	0	1	99	14.71	0.0135		
	16QAM	1	74	1	0	21.24	0.0608		
H 132401_132572	16QAM	75	0	100	0	19.91	0.0448		
	16QAM	1	0	1	99	14.61	0.0132		
	16QAM	1	74	1	0	21.28	0.0614		
L 132005_132221	256QAM	75	0	100	0	18.36	0.0306		
	256QAM	1	0	1	99	14.54	0.0130		
	256QAM	1	74	1	0	18.37	0.0314		
M 132325_132486	256QAM	75	0	100	0	18.21	0.0303		
	256QAM	1	0	1	99	14.51	0.0129		
	256QAM	1	74	1	0	18.38	0.0315		
H 132401_132572	256QAM	75	0	100	0	18.14	0.0299		
	256QAM	1	0	1	99	14.53	0.0130		
	256QAM	1	74	1	0	18.22	0.0303		
Combination 15MHz+15MHz (75RB+75RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
L 132047_132197	QPSK	75	0	75	0	20.95	0.0569		
	QPSK	1	0	1	74	14.49	0.0129		
	QPSK	1	74	1	0	21.46	0.0601		
M 132347_132497	QPSK	75	0	75	0	21.05	0.0575		
	QPSK	1	0	1	74	14.43	0.0127		
	QPSK	1	74	1	0	21.62	0.0655		
H 132447_132597	QPSK	75	0	75	0	20.89	0.0559		
	QPSK	1	0	1	74	14.42	0.0127		
	QPSK	1	74	1	0	21.75	0.0687		
L 132047_132197	16QAM	75	0	75	0	19.95	0.0452		
	16QAM	1	0	1	74	14.50	0.0131		
	16QAM	1	74	1	0	22.14	0.0749		
M 132347_132497	16QAM	75	0	75	0	19.92	0.0450		
	16QAM	1	0	1	74	14.45	0.0128		
	16QAM	1	74	1	0	22.00	0.0724		
H 132447_132597	16QAM	75	0	75	0	19.90	0.0453		
	16QAM	1	0	1	74	14.47	0.0128		
	16QAM	1	74	1	0	21.30	0.0713		
L 132047_132197	64QAM	75	0	75	0	20.03	0.0450		
	64QAM	1	0	1	74	14.52	0.0130		
	64QAM	1	74	1	0	21.39	0.0623		
M 132347_132497	64QAM	75	0	75	0	19.99	0.0456		
	64QAM	1	0	1	74	14.50	0.0131		
	64QAM	1	74	1	0	21.30	0.0623		
H 132447_132597	64QAM	75	0	75	0	19.95	0.0454		
	64QAM	1	0	1	74	14.49	0.0131		
	64QAM	1	74	1	0	21.25	0.0623		
L 132047_132197	256QAM	75	0	75	0	18.34	0.0305		
	256QAM	1	0	1	74	14.51	0.0131		
	256QAM	1	74	1	0	18.35	0.0310		
M 132347_132497	256QAM	75	0	75	0	18.29	0.0304		
	256QAM	1	0	1	74	14.49	0.0130		
	256QAM	1	74	1	0	18.30	0.0309		
H 132447_132597	256QAM	75	0	75	0	18.18	0.0298		
	256QAM	1	0	1	74	14.53	0.0130		
	256QAM	1	74	1	0	18.19	0.0299		
Combination 10MHz+20MHz (50RB+100RB)									
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)		
		RB Size	RB offset	RB Size	RB offset				
L 132027_132270	QPSK	50	0	100	0	21.03	0.0579		
	QPSK	1	0	1	99	14.57	0.0130		
	QPSK	1	49	1	0	21.83	0.0697		
M 132323_132525	QPSK	50	0	100	0	21.03	0.0573		
	QPSK	1	0	1	99	14.57	0.0130		
	QPSK	1	49	1	0	21.86	0.0701		
H 132374_132572	QPSK	50	0	100	0	20.96	0.0567		
	QPSK	1	0	1	99	14.56	0.0130		
	QPSK	1	49	1	0	21.84	0.0699		

132027_132171	M	16QAM	1	0	1	99	14.65	0.0130	
			16QAM	50	0	100	0	19.95	0.0450
132328_132572	H	16QAM	1	49	1	0	14.40	0.0125	
			16QAM	1	49	1	0	21.95	0.0715
132428_132572	L	16QAM	50	0	100	0	19.85	0.0442	
			16QAM	1	0	1	99	14.41	0.0125
132027_132171	L	16QAM	1	49	1	0	22.02	0.0728	
			16QAM	50	0	100	0	19.85	0.0442
132027_132171	M	16QAM	1	49	1	0	14.74	0.0138	
			16QAM	50	0	100	0	21.42	0.0634
132328_132572	H	16QAM	1	0	1	99	19.91	0.0445	
			16QAM	1	0	1	99	14.69	0.0135
132428_132572	L	16QAM	1	49	0	1	99	21.10	0.0697
			16QAM	50	0	100	0	19.91	0.0438
132027_132171	M	16QAM	1	0	1	99	14.62	0.0132	
			16QAM	1	49	1	0	21.42	0.0631
132328_132572	H	16QAM	50	0	100	0	19.87	0.0307	
			16QAM	1	49	1	0	14.60	0.0123
132428_132572	L	16QAM	1	49	1	0	19.37	0.0115	
			16QAM	50	0	100	0	19.26	0.0306
132027_132171	M	16QAM	1	0	1	99	14.44	0.0127	
			16QAM	1	49	1	0	18.41	0.0317
132428_132572	H	16QAM	50	0	100	0	18.18	0.0297	
			16QAM	1	0	1	99	14.44	0.0127
Combination 10MHz+10MHz (75RB+75RB)									
Channel	Modulation	PCC				SCC			
		RB Size	RB offset	RB Size	RB offset	Measured Power	ERP(W)		
132047_132167	L	QPSK	75	0	50	0	21.04	0.0581	
			QPSK	1	0	1	49	14.59	0.0132
132373_132493	M	QPSK	1	74	1	0	21.82	0.0711	
			QPSK	75	0	50	0	21.03	0.0579
132499_132619	H	QPSK	1	74	1	0	14.56	0.0259	
			QPSK	1	74	1	0	21.91	0.0713
132047_132167	L	QPSK	75	0	50	0	20.94	0.0568	
			QPSK	1	0	1	49	14.51	0.0123
132373_132493	M	QPSK	1	74	1	0	21.80	0.0692	
			QPSK	75	0	50	0	19.95	0.0445
132499_132619	H	QPSK	1	74	1	0	14.45	0.0127	
			QPSK	1	74	1	0	22.99	0.0736
132047_132167	L	QPSK	75	0	50	0	19.94	0.0451	
			QPSK	1	0	1	49	14.52	0.0129
132373_132493	M	QPSK	1	74	1	0	21.32	0.0619	
			QPSK	75	0	50	0	19.95	0.0445
132499_132619	H	QPSK	1	0	1	49	14.45	0.0127	
			QPSK	1	74	1	0	22.99	0.0736
Combination 10MHz+15MHz (50RB+75RB)									
Channel	Modulation	PCC				SCC			
		RB Size	RB offset	RB Size	RB offset	Measured Power	ERP(W)		
132028_132145	L	QPSK	50	0	74	0	14.44	0.0127	
			QPSK	1	49	1	0	21.89	0.0706
132351_132471	M	QPSK	50	0	75	0	21.00	0.0575	
			QPSK	1	0	1	74	14.58	0.0131
132477_132597	H	QPSK	1	49	1	0	21.78	0.0624	
			QPSK	50	0	75	0	20.94	0.0568
132028_132145	L	QPSK	1	0	1	74	14.44	0.0127	
			QPSK	1	49	1	0	21.89	0.0706
132351_132471	M	QPSK	50	0	75	0	20.96	0.0457	
			QPSK	1	0	1	74	14.52	0.0129
132477_132597	H	QPSK	1	49	1	0	22.05	0.0735	
			QPSK	50	0	75	0	19.97	0.0454
132028_132145	L	QPSK	50	0	75	0	19.95	0.0453	
			QPSK	1	49	1	0	21.42	0.0632
132351_132471	M	QPSK	50	0	75	0	14.72	0.0137	
			QPSK	1	49	1	0	21.41	0.0633
132477_132597	H	QPSK	50	0	75	0	20.91	0.0458	
			QPSK	1	0	1	74	14.72	0.0136
132028_132145	L	QPSK	1	49	1	0	21.27	0.0612	
			QPSK	50	0	75	0	19.85	0.0442
132351_132471	M	QPSK	1	49	1	0	14.60	0.0123	
			QPSK	1	49	1	0	21.95	0.0624
132477_132597	H	QPSK	50	0	75	0	19.87	0.0442	
			QPSK	1	49	1	0	21.95	0.0624
132028_132145	L	QPSK	50	0	75	0	19.27	0.0307	
			QPSK	1	0	1	74	14.32	0.0123
132351_132471	M	QPSK	1	49	1	0	19.20	0.0308	
			QPSK	50	0	75	0	19.20	0.0308
132477_132597	H	QPSK	1	49	1	0	14.44	0.0127	
			QPSK	50	0	75	0	19.35	0.0304
132028_132145	L	QPSK	50	0	75	0	19.35	0.0310	
			QPSK	1	0	1	74	14.51	0.0129
132351_132471	M	QPSK	1	0	1	74	14.51	0.0129	
			QPSK	1	49	1	0	14.51	0.0129
132477_132597	H	QPSK	1	49	1	0	14.51	0.0129	
			QPSK	1	49	1	0	14.51	0.0129
Combination 20MHz+5MHz (100RB+25RB)									
Channel	Modulation	PCC				SCC			
		RB Size	RB offset	RB Size	RB offset	Measured Power	ERP(W)		
132072_132189	L	QPSK	100	0	25	0	21.02	0.0578	
			QPSK	1	0	1	24	14.54	0.0128
132397_132514	M	QPSK	100	0	25	0	21.84	0.0698	
			QPSK	1	0	1	24	20.91	0.0584
132522_132639	H	QPSK	1	99	1	0	14.54	0.0130	
			QPSK	1	99	1	0	21.80	0.0692
132072_132189	L	QPSK	100	0	25	0	20.98	0.0561	
			QPSK	1	0	1	24	14.46	0.0128
132397_132514	M	QPSK	1	99	1	0	21.86	0.0705	
			QPSK	100	0	25	0	20.90	0.0467
132522_132639	H	QPSK	1	99	1	0	14.54	0.0130	
			QPSK	1	99	1	0	21.86	0.0705
132072_132189	L	QPSK	100	0	25	0	19.98	0.0450	
			QPSK	1	0	1	24	14.55	0.0133
132397_132514	M	QPSK	1	99	1	0	19.35	0.0303	
			QPSK	100	0	25	0	19.31	0.0310
132522_132639	H	QPSK	1	99	1	0	14.48	0.0128	
			QPSK	1	99	1	0	14.48	0.0128
132072_132189	L	QPSK	100	0	25	0	18.22	0.0298	
			QPSK	1	0	1	24	14.32	0.0123
Combination 20MHz+20MHz (100RB+100RB)									
Channel	Modulation	PCC				SCC			
		RB Size	RB offset	RB Size	RB offset	Measured Power	ERP(W)		
132002_132122	L	QPSK	25	0	100	0	20.99	0.0571	
			QPSK	1	24	1	0	21.88	0.0703
132232_132347	M	QPSK	1	0	100	0	21.90	0.0699	
			QPSK	1	24	1	0	14.52	0.0131
132455_132572	H	QPSK	1	24	1	0	21.90	0.0702	
			QPSK	1	24	1	0	20.96	0.0467
132002_132122	L	16QAM	25	0	100	0	19.99	0.0450	
			16QAM	1	0	1	99	14.62	0.0132
132232_132347	M	16QAM	1	0	100	0	19.98	0.0449	
			16QAM	1	24	1	0	14.52	0.0131
132455_132572	H	16QAM	1	24	1	0	14.52	0.0131	
			16QAM	1	24	1	0	20.96	0.0467
132002_132122	L	16QAM	25	0	100	0	19.99	0.0450	
			16QAM	1	0	1	99	14.62	0.0132
132232_132347	M	16QAM	1	0	100	0	19.98	0.0449	
			16QAM	1	24	1	0	14.52	0.0131
132455_132572	H	16QAM	1	24	1	0	14.52	0.0131	
			16QAM	1	24	1	0	20.96	0.0467
132002_132122	L	16QAM	25	0	100	0	19.99	0.0450	
			16QAM	1	0	1	99	14.62	0.0132
132232_132347	M	16QAM	1	0	100	0	19.98	0.0449	
			16QAM	1	24	1	0	14.52	0.0131
132455_132572	H	16QAM	1	24	1	0	14.52	0.0131	
			16QAM	1	24	1	0	20.96	0.0467
132002_132122	L	16QAM	25	0	100	0	19.99	0.0450	
			16QAM	1	0	1	99	14.62	0.0132
132232_132347	M	16QAM	1	0	100	0	19.98	0.0449	
			16QAM	1	24	1	0	14.52	0.0131
132455_132572	H	16QAM	1	24	1	0	14.52	0.0131	
			16QAM	1	24	1	0	20.96	0.0467

Part 27Q Band 42(3450-3550)_ANT5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	L	M	H
20	QPSK	1	0	22.79	22.97	22.84	0.0889	0.0927	0.0899
20	QPSK	1	49	22.92	23.11	23.07	0.0916	0.0957	0.0948
20	QPSK	1	99	22.68	22.81	22.77	0.0867	0.0893	0.0885
20	QPSK	50	0	22.08	22.16	22.02	0.0755	0.0769	0.0745
20	QPSK	50	24	22.09	22.24	22.22	0.0757	0.0783	0.0780
20	QPSK	50	50	22.05	22.13	22.12	0.0750	0.0764	0.0762
20	QPSK	100	0	22.15	22.17	22.08	0.0767	0.0771	0.0755
20	16QAM	1	0	22.16	22.31	22.28	0.0769	0.0796	0.0791
20	16QAM	1	49	22.24	22.28	22.20	0.0783	0.0791	0.0776
20	16QAM	1	99	22.30	22.33	22.22	0.0794	0.0800	0.0780
20	16QAM	50	0	21.16	21.18	21.16	0.0611	0.0614	0.0611
20	16QAM	50	24	21.18	21.21	21.06	0.0614	0.0618	0.0597
20	16QAM	50	50	21.15	21.20	21.11	0.0610	0.0617	0.0604
20	16QAM	100	0	21.19	21.24	21.16	0.0615	0.0622	0.0611
20	64QAM	1	0	21.16	21.20	21.11	0.0611	0.0617	0.0604
20	64QAM	1	49	21.11	21.20	21.11	0.0604	0.0617	0.0604
20	64QAM	1	99	21.15	21.24	21.19	0.0610	0.0622	0.0615
20	64QAM	50	0	20.20	20.21	20.08	0.0490	0.0491	0.0476
20	64QAM	50	24	20.16	20.27	20.19	0.0485	0.0498	0.0489
20	64QAM	50	50	20.07	20.17	20.16	0.0475	0.0486	0.0485
20	64QAM	100	0	20.03	20.14	20.07	0.0471	0.0483	0.0475
20	256QAM	1	0	18.17	18.24	18.20	0.0307	0.0312	0.0309
20	256QAM	1	49	18.23	18.35	18.16	0.0311	0.0320	0.0306
20	256QAM	1	99	18.12	18.21	18.19	0.0303	0.0310	0.0308
20	256QAM	50	0	18.17	18.32	18.18	0.0307	0.0318	0.0308
20	256QAM	50	24	18.15	18.32	18.22	0.0305	0.0318	0.0310
20	256QAM	50	50	18.18	18.22	18.19	0.0308	0.0310	0.0308
20	256QAM	100	0	18.13	18.22	18.21	0.0304	0.0310	0.0310
Channel				42165	42590	43015	EIRP(W)		
Frequency (MHz)				3457.5	3500	3542.5	L	M	H
15	QPSK	1	0	22.76	22.84	22.78	0.0883	0.0899	0.0887
15	QPSK	1	37	22.84	23.02	22.88	0.0899	0.0938	0.0908
15	QPSK	1	74	22.54	22.79	22.65	0.0839	0.0889	0.0861
15	QPSK	36	0	21.95	22.05	21.92	0.0733	0.0750	0.0728
15	QPSK	36	20	21.96	22.13	22.18	0.0735	0.0764	0.0773
15	QPSK	36	39	21.92	22.05	22.10	0.0728	0.0750	0.0759
15	QPSK	75	0	22.14	22.07	22.03	0.0766	0.0753	0.0746
15	16QAM	1	0	22.08	22.25	22.27	0.0755	0.0785	0.0789
15	16QAM	1	37	22.22	22.15	22.19	0.0780	0.0767	0.0774
15	16QAM	1	74	22.22	22.22	22.14	0.0780	0.0780	0.0766
15	16QAM	36	0	21.07	21.10	21.01	0.0598	0.0603	0.0590
15	16QAM	36	20	21.05	21.12	20.97	0.0596	0.0605	0.0585
15	16QAM	36	39	21.12	21.19	21.04	0.0605	0.0615	0.0594
15	16QAM	75	0	21.05	21.22	21.04	0.0596	0.0619	0.0594
15	64QAM	1	0	21.01	21.15	21.01	0.0590	0.0610	0.0590
15	64QAM	1	37	20.97	21.19	21.03	0.0585	0.0615	0.0593
15	64QAM	1	74	21.01	21.14	21.06	0.0590	0.0608	0.0597
15	64QAM	36	0	20.08	20.18	20.02	0.0476	0.0488	0.0470
15	64QAM	36	20	20.14	20.20	20.08	0.0483	0.0490	0.0476
15	64QAM	36	39	19.98	20.04	20.06	0.0466	0.0472	0.0474
15	64QAM	75	0	19.97	20.07	20.00	0.0465	0.0475	0.0468
15	256QAM	1	0	18.14	18.23	18.19	0.0305	0.0311	0.0306
15	256QAM	1	37	18.22	18.30	18.01	0.0310	0.0316	0.0296
15	256QAM	1	74	18.04	18.10	18.07	0.0298	0.0302	0.0300
15	256QAM	36	0	18.16	18.19	18.12	0.0306	0.0308	0.0303
15	256QAM	36	20	18.06	18.21	18.19	0.0299	0.0310	0.0306
15	256QAM	36	39	18.04	18.12	18.10	0.0298	0.0303	0.0302
15	256QAM	75	0	18.06	18.15	18.10	0.0299	0.0305	0.0302
Channel				42140	42590	43040	EIRP(W)		
Frequency (MHz)				3455	3500	3545	L	M	H
10	QPSK	1	0	22.72	22.95	22.73	0.0875	0.0923	0.0877
10	QPSK	1	25	22.81	23.03	22.95	0.0893	0.0940	0.0923
10	QPSK	1	49	22.64	22.70	22.72	0.0859	0.0871	0.0875
10	QPSK	25	0	22.04	22.06	21.99	0.0748	0.0752	0.0740
10	QPSK	25	12	21.99	22.17	22.07	0.0740	0.0771	0.0753
10	QPSK	25	25	21.91	22.08	22.01	0.0726	0.0755	0.0743
10	QPSK	50	0	22.05	22.06	22.02	0.0750	0.0752	0.0745
10	16QAM	1	0	22.14	22.16	22.13	0.0766	0.0769	0.0764
10	16QAM	1	25	22.20	22.17	22.15	0.0776	0.0771	0.0767
10	16QAM	1	49	22.23	22.19	22.15	0.0782	0.0774	0.0767
10	16QAM	25	0	21.01	21.10	21.08	0.0590	0.0603	0.0600
10	16QAM	25	12	21.03	21.15	20.95	0.0593	0.0610	0.0582
10	16QAM	25	25	21.09	21.12	21.01	0.0601	0.0605	0.0590
10	16QAM	50	0	21.07	21.20	21.08	0.0598	0.0617	0.0600
10	64QAM	1	0	21.09	21.07	21.03	0.0601	0.0598	0.0593
10	64QAM	1	25	21.08	21.13	20.97	0.0600	0.0607	0.0585
10	64QAM	1	49	21.07	21.09	21.06	0.0598	0.0601	0.0597
10	64QAM	25	0	20.07	20.09	19.97	0.0475	0.0478	0.0465
10	64QAM	25	12	20.11	20.21	20.18	0.0480	0.0491	0.0488
10	64QAM	25	25	20.00	20.09	20.12	0.0468	0.0478	0.0481
10	64QAM	50	0	19.90	20.11	20.01	0.0457	0.0480	0.0469
10	256QAM	1	0	18.16	18.13	18.18	0.0306	0.0304	0.0306
10	256QAM	1	25	18.15	18.33	18.09	0.0305	0.0318	0.0301
10	256QAM	1	49	18.08	18.17	18.09	0.0301	0.0307	0.0301
10	256QAM	25	0	18.07	18.17	18.12	0.0300	0.0307	0.0303
10	256QAM	25	12	18.02	18.24	18.15	0.0296	0.0312	0.0305
10	256QAM	25	25	18.08	18.15	18.18	0.0301	0.0305	0.0306
10	256QAM	50	0	18.05	18.08	18.20	0.0299	0.0301	0.0309
Channel				42115	42590	43065	EIRP(W)		
Frequency (MHz)				3452.5	3500	3547.5	L	M	H
5	QPSK	1	0	22.68	22.94	22.80	0.0867	0.0920	0.0891
5	QPSK	1	12	22.85	23.05	22.91	0.0902	0.0944	0.0914
5	QPSK	1	24	22.67	22.78	22.69	0.0865	0.0887	0.0869
5	QPSK	12	0	21.97	22.11	21.94	0.0736	0.0760	0.0731
5	QPSK	12	7	22.06	22.11	22.19	0.0752	0.0760	0.0774
5	QPSK	12	13	22.01	22.10	22.00	0.0743	0.0759	0.0741
5	QPSK	25	0	22.05	22.10	22.05	0.0750	0.0759	0.0750
5	16QAM	1	0	22.13	22.16	22.22	0.0764	0.0769	0.0780
5	16QAM	1	12	22.17	22.14	22.05	0.0771	0.0766	0.0750
5	16QAM	1	24	22.28	22.30	22.20	0.0791	0.0794	0.0776
5	16QAM	12	0	21.14	21.13	21.15	0.0608	0.0607	0.0610
5	16QAM	12	7	21.15	21.13	21.00	0.0610	0.0607	0.0589
5	16QAM	12	13	21.02	21.16	20.97	0.0592	0.0611	0.0585
5	16QAM	25	0	21.08	21.09	21.02	0.0600	0.0601	0.0592
5	64QAM	1	0	21.12	21.15	21.00	0.0605	0.0610	0.0589
5	64QAM	1	12	20.96	21.18	21.06	0.0583	0.0614	0.0597
5	64QAM	1	24	21.06	21.12	21.13	0.0597	0.0605	0.0607
5	64QAM	12	0	20.16	20.06	19.99	0.0485	0.0474	0.0467
5	64QAM	12	7	20.13	20.13	20.07	0.0482	0.0482	0.0475
5	64QAM	12	13	19.93	20.10	20.06	0.0460	0.0479	0.0474
5	64QAM	25	0	19.89	20.12	20.03	0.0456	0.0481	0.0471
5	256QAM	1	0	18.12	18.21	18.10	0.0303	0.0310	0.0302
5	256QAM	1	12	18.10	18.34	18.05	0.0302	0.0319	0.0299
5	256QAM	1	24	18.04	18.13	18.09	0.0298	0.0304	0.0301
5	256QAM	12	0	18.04	18.24	18.15	0.0298	0.0312	0.0305
5	256QAM	12	7	18.05	18.28	18.08	0.0299	0.0315	0.0301
5	256QAM	12	13	18.10	18.19	18.08	0.0302	0.0308	0.0301
5	256QAM	25	0	18.12	18.14	18.18	0.0303	0.0305	0.0308

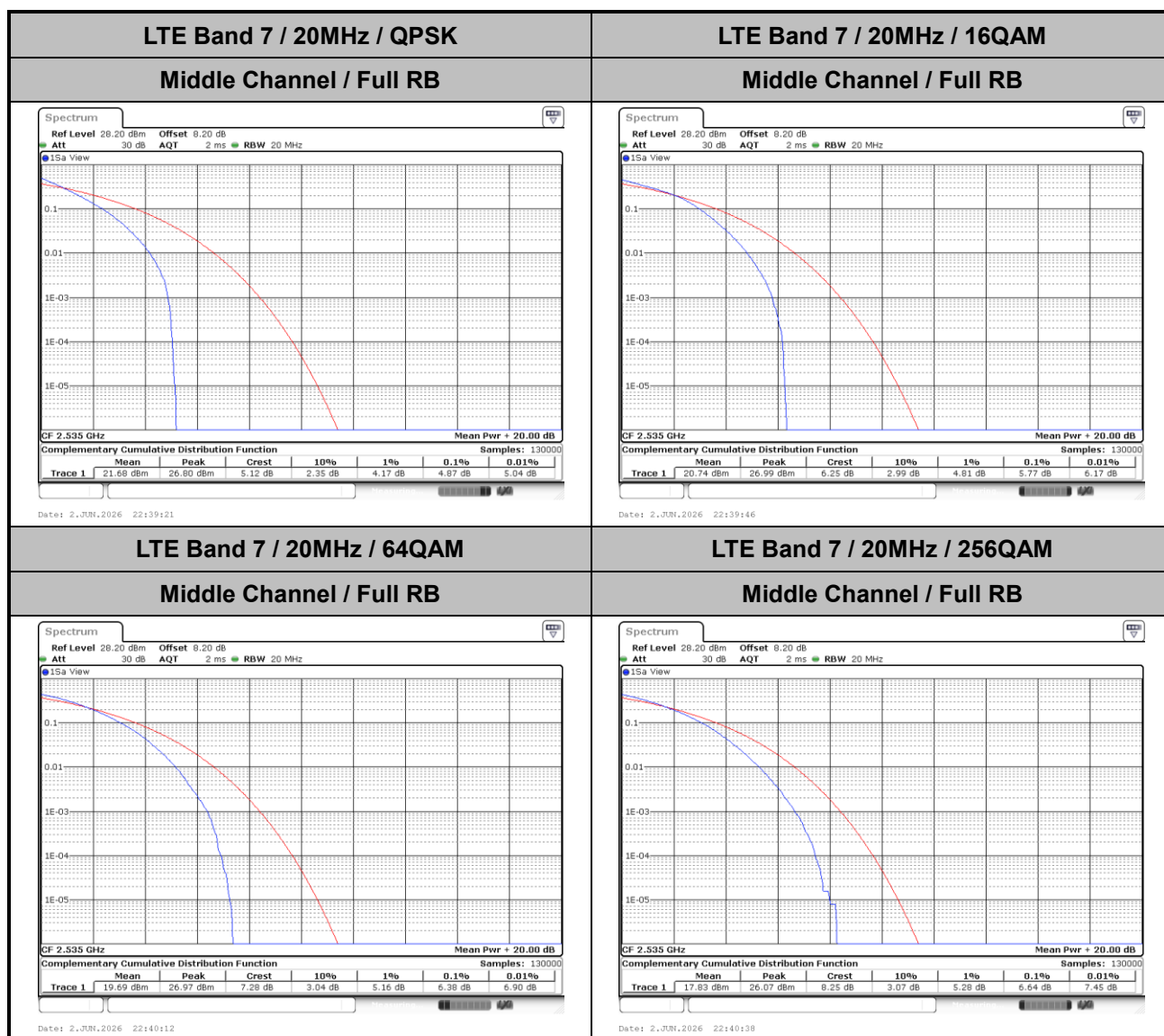
42C(3450-3550) 27Q ANT5										
Configuration: 2700x1600x1600 (100Hz-100Hz)										
Channel	Modulation	PCC				SCC		Nominal	Capacity	
		FE Size	FE offset	FE Size	FE offset					
K21H_A2300	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2300	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2350	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2350	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2400	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2400	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2450	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2450	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2500	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2500	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
Configuration: 2700x1600x1600 (100Hz-100Hz)										
Channel	Modulation	PCC				SCC		Nominal	Capacity	
		FE Size	FE offset	FE Size	FE offset					
K21H_A2300	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
M_A21H_A2300	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
K21H_A2350	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
M_A21H_A2350	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
K21H_A2400	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
M_A21H_A2400	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
K21H_A2450	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
M_A21H_A2450	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
K21H_A2500	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
M_A21H_A2500	QPSK	1	0	1	74	11.85	0.0041			
		25	0	74	0	11.85	0.0041			
Configuration: 2700x1600x1600 (100Hz-100Hz)										
Channel	Modulation	PCC				SCC		Nominal	Capacity	
		FE Size	FE offset	FE Size	FE offset					
K21H_A2300	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2300	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2350	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2350	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2400	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2400	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2450	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2450	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
K21H_A2500	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
M_A21H_A2500	QPSK	1	0	1	50	11.85	0.0041			
		25	0	50	0	11.85	0.0041			
Configuration: 2700x1600x1600 (100Hz-100Hz)										
Channel	Modulation	PCC				SCC		Nominal	Capacity	
		FE Size	FE offset	FE Size	FE offset					
K21H_A2300	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
M_A21H_A2300	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
K21H_A2350	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
M_A21H_A2350	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
K21H_A2400	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
M_A21H_A2400	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
K21H_A2450	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
M_A21H_A2450	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
K21H_A2500	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
M_A21H_A2500	QPSK	1	0	1	24	11.87	0.0041			
		25	0	24	0	11.87	0.0041			
Configuration: 2700x1600x1600 (100Hz-100Hz)										
Channel	Modulation	PCC				SCC		Nominal	Capacity	
		FE Size	FE offset	FE Size	FE offset					
K21H_A2300	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
M_A21H_A2300	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
K21H_A2350	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
M_A21H_A2350	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
K21H_A2400	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
M_A21H_A2400	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
K21H_A2450	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
M_A21H_A2450	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
K21H_A2500	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			
M_A21H_A2500	QPSK	1	0	1	50	11.87	0.0041			
		25	0	50	0	11.87	0.0041			



LTE Band 7

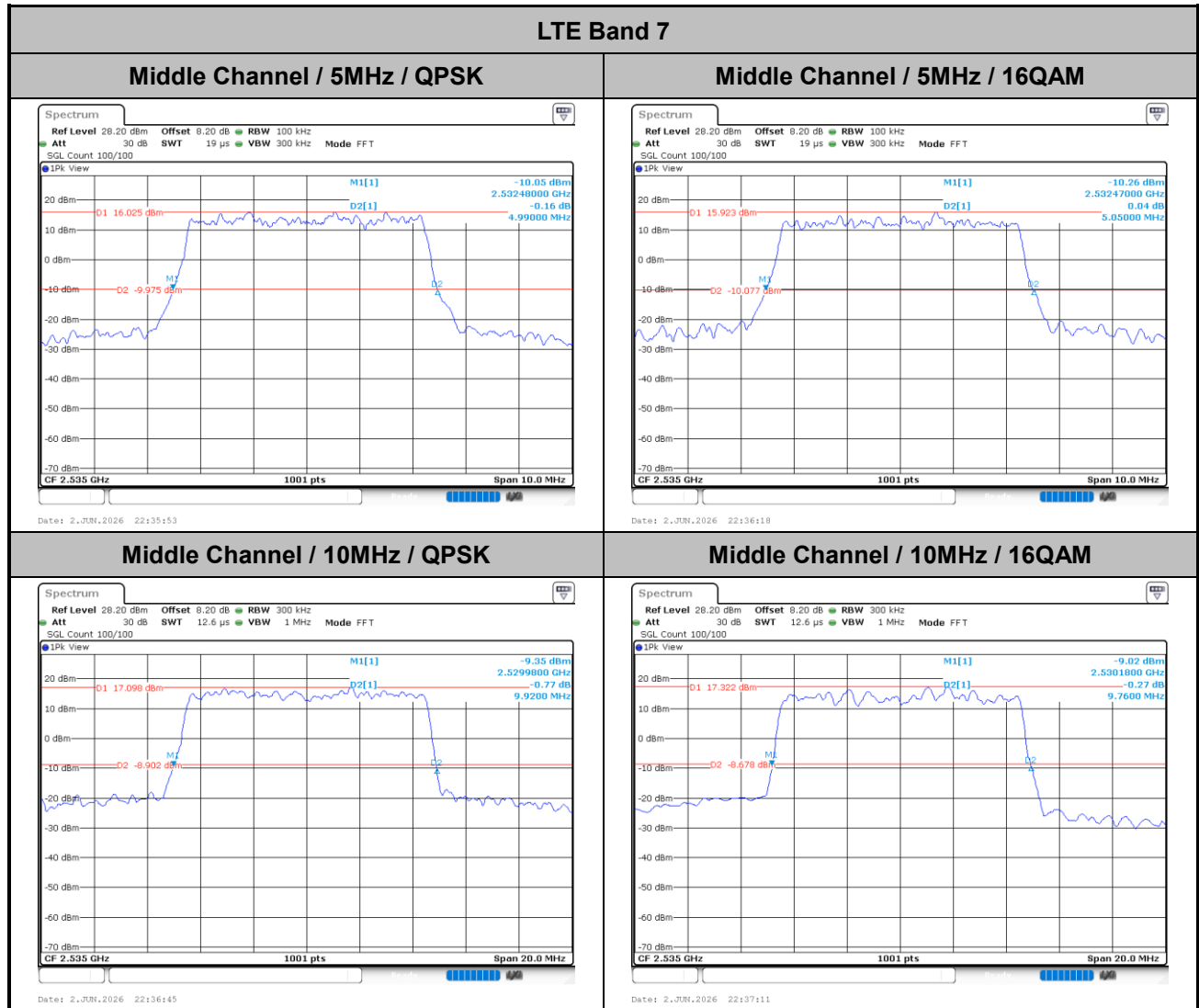
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.77	6.38	6.64	PASS



**26dB Bandwidth**

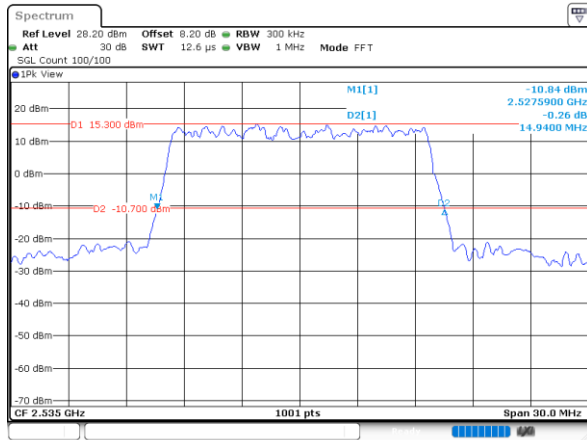
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.99	5.05	9.92	9.76	14.94	14.70	19.24	19.08





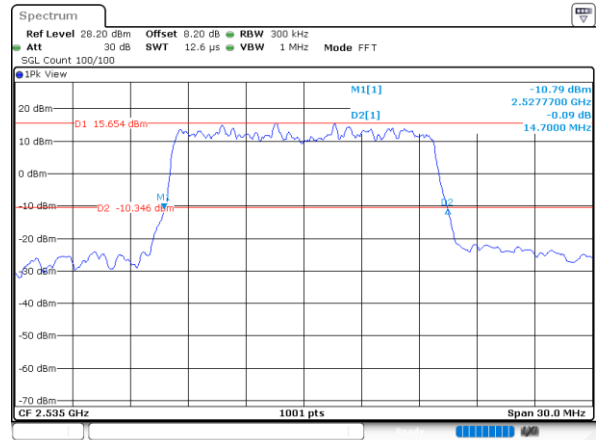
LTE Band 7

Middle Channel / 15MHz / QPSK



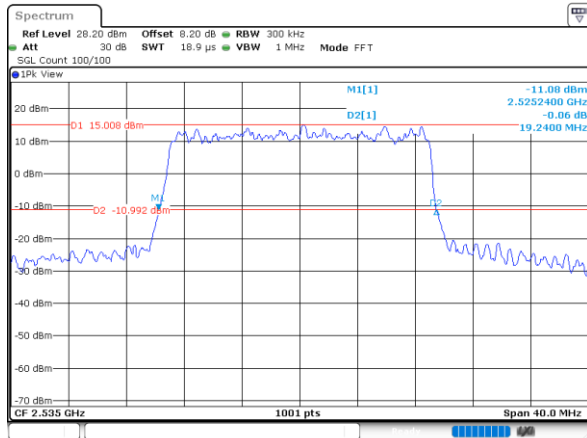
Date: 2.JUN.2026 22:37:37

Middle Channel / 15MHz / 16QAM



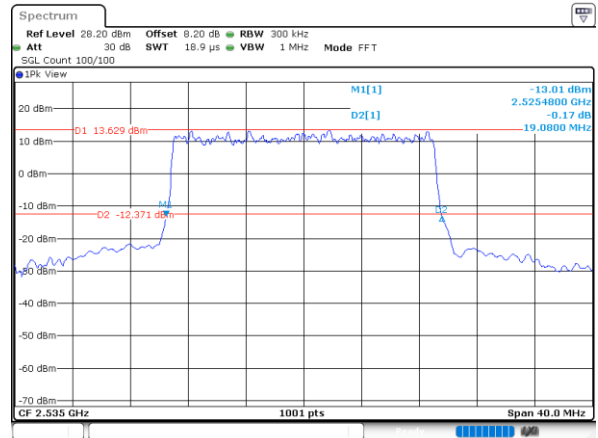
Date: 2.JUN.2026 22:38:03

Middle Channel / 20MHz / QPSK



Date: 2.JUN.2026 22:38:29

Middle Channel / 20MHz / 16QAM

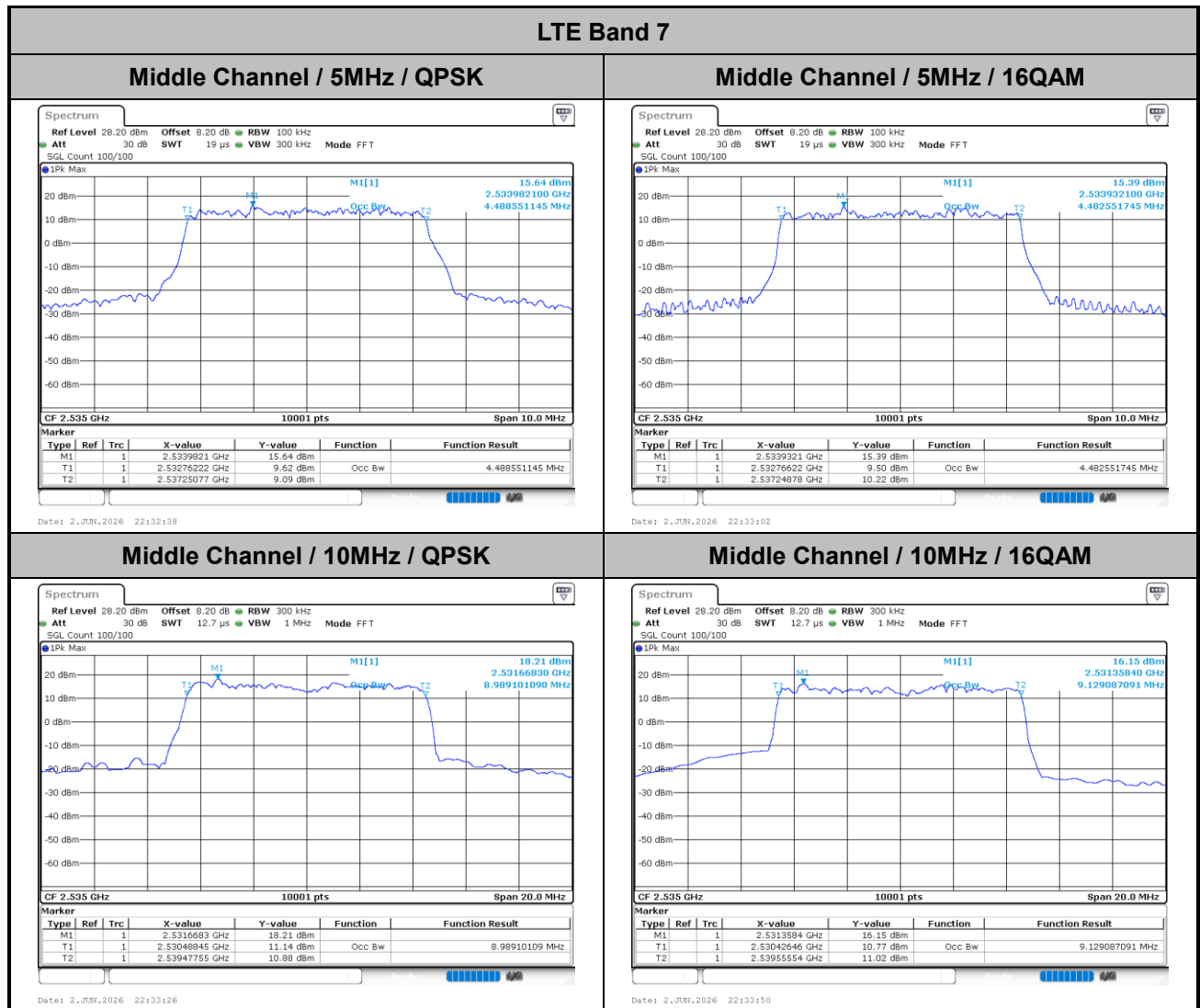


Date: 2.JUN.2026 22:38:55



Occupied Bandwidth

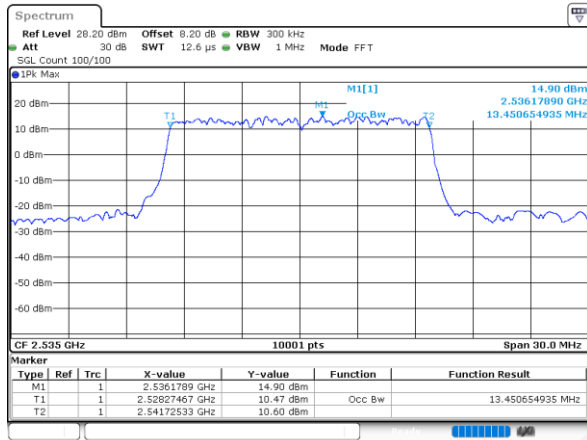
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.48	8.98	9.12	13.45	13.42	17.97	17.85



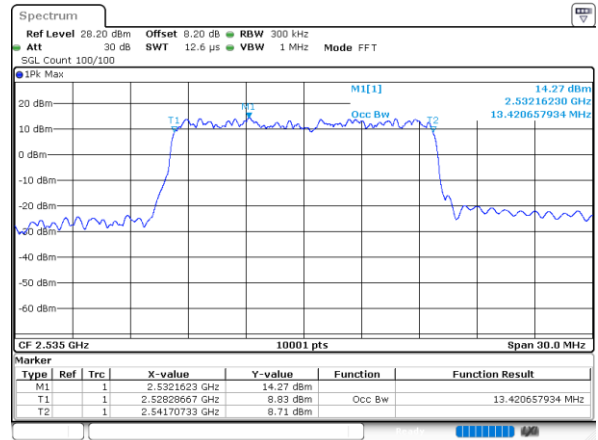


LTE Band 7

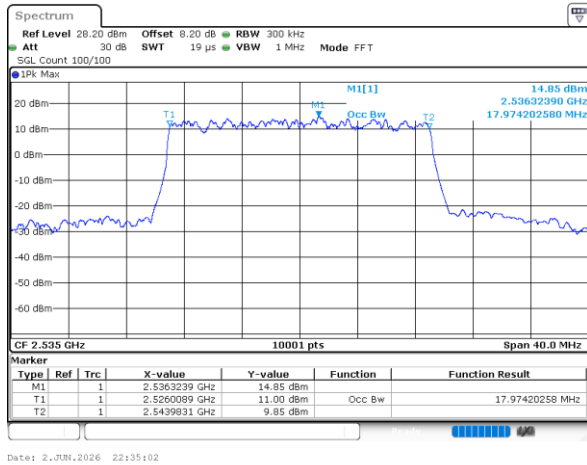
Middle Channel / 15MHz / QPSK



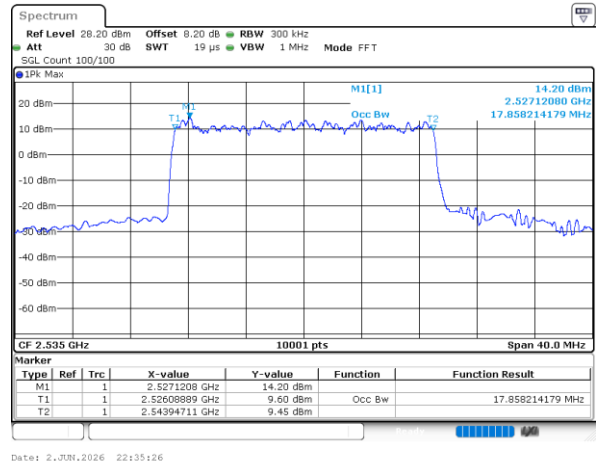
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

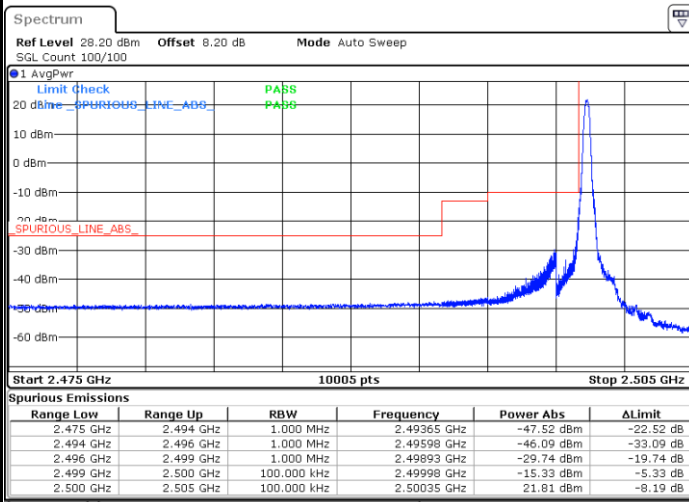




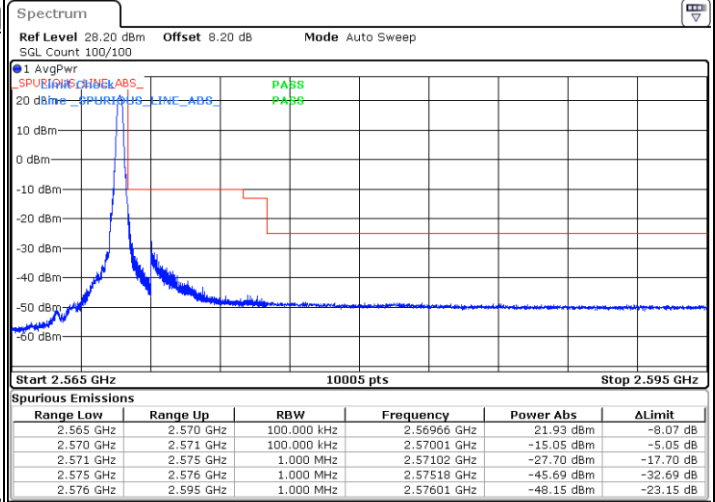
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

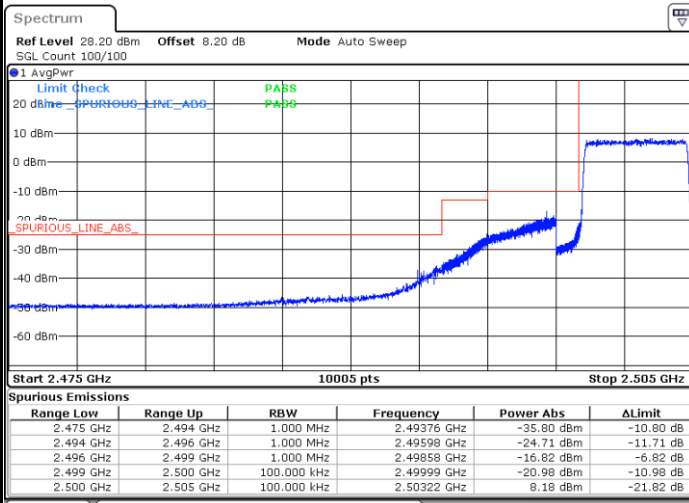
Lowest Band Edge / 1 RB



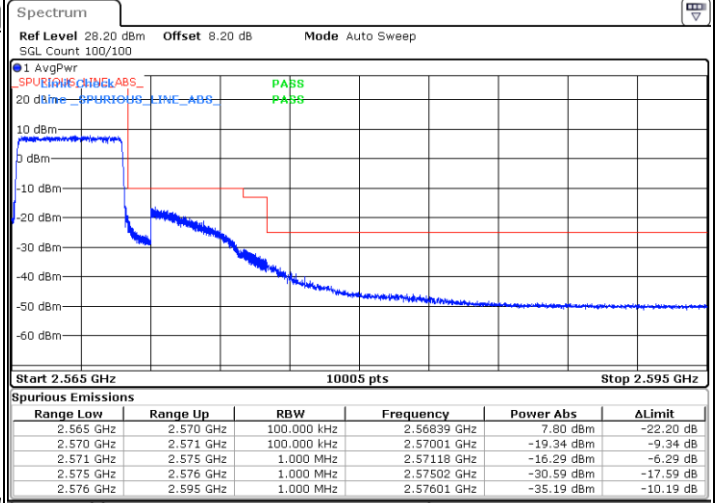
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



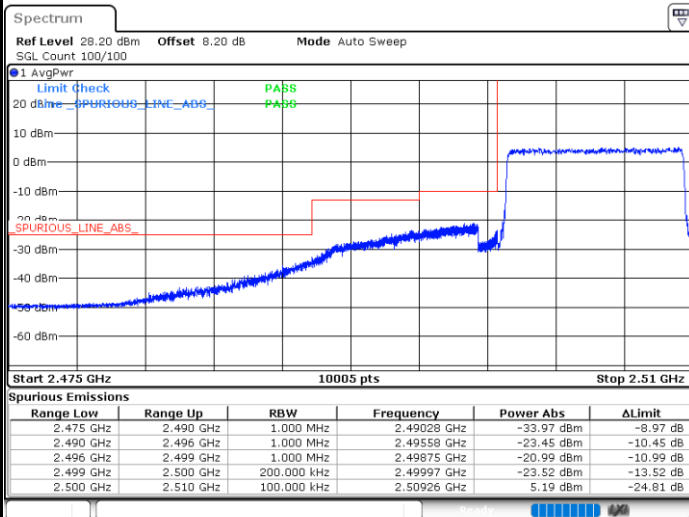
Highest Band Edge / Full RB



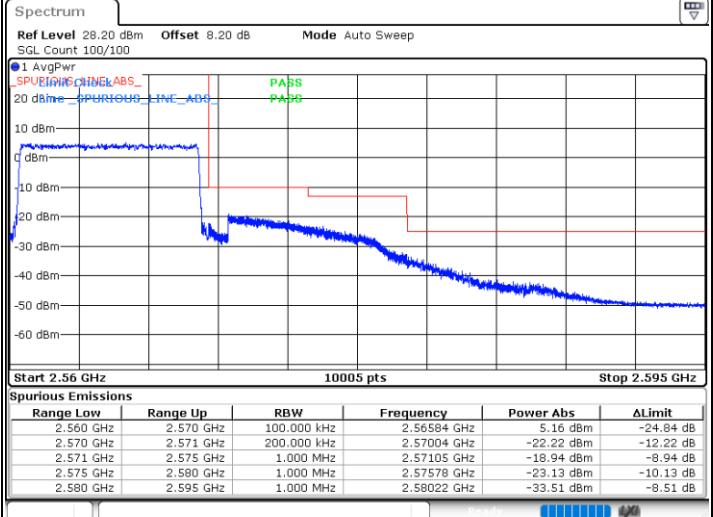


LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB

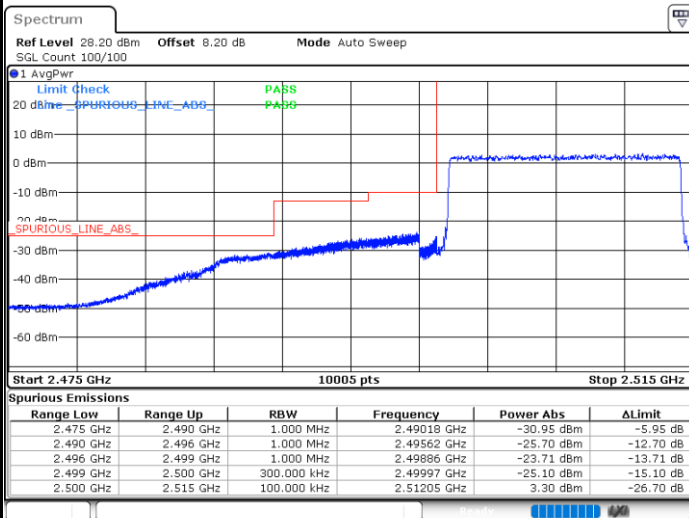


Highest Band Edge / Full RB

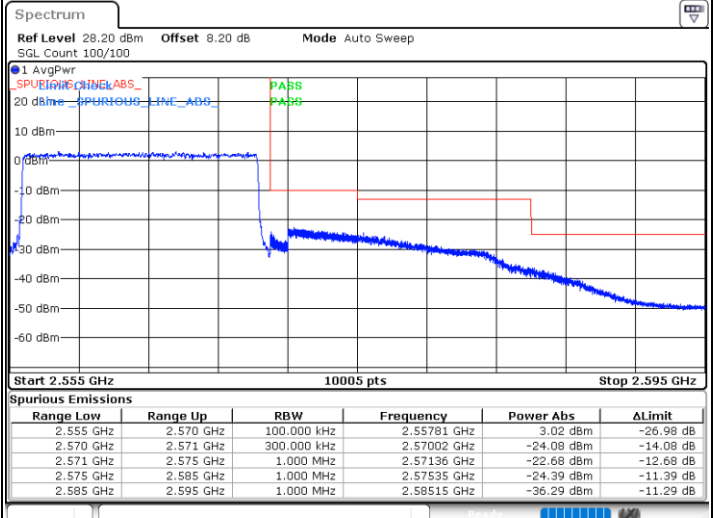


LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

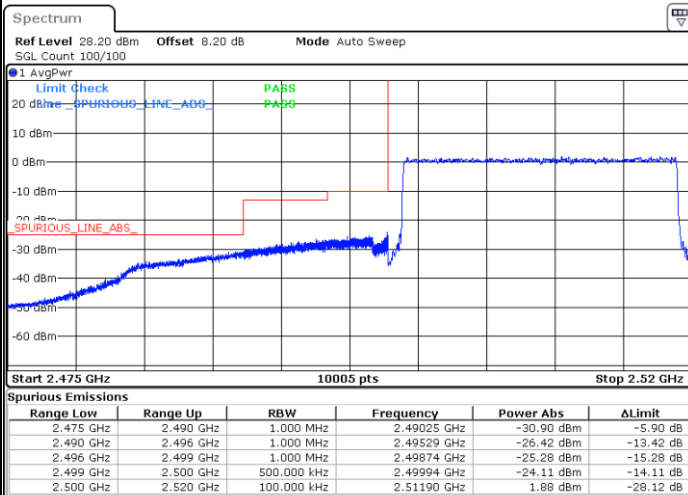




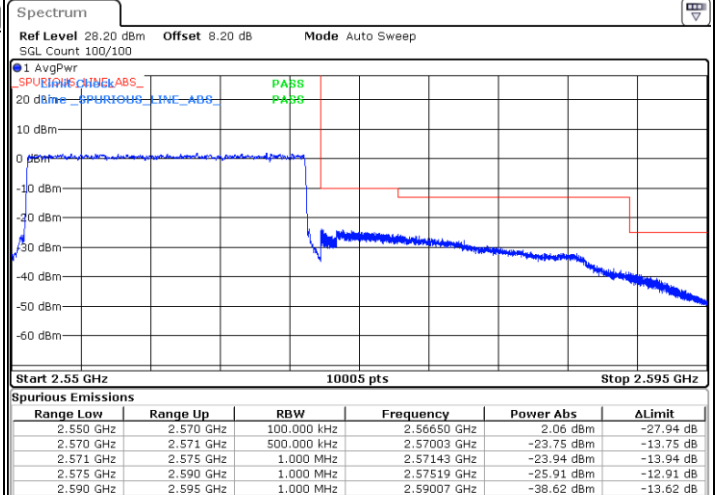
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.JUN.2026 22:50:05



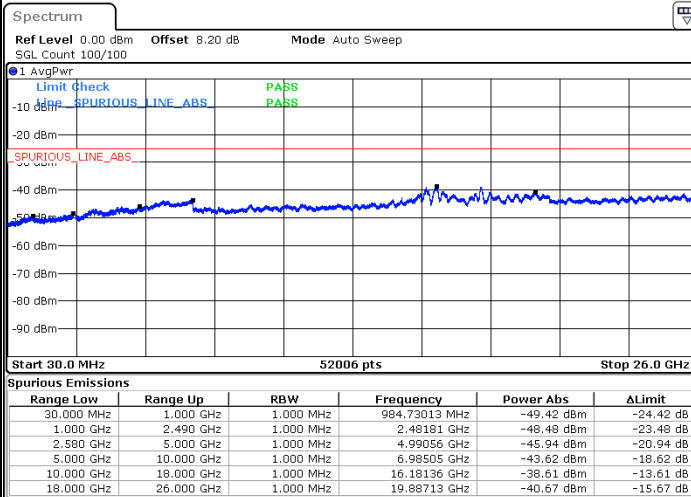
Date: 2.JUN.2026 22:51:08



Conducted Spurious Emission

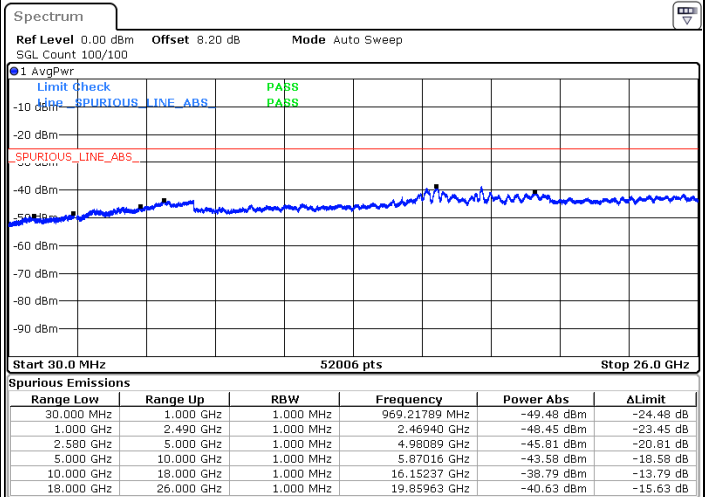
LTE Band 7 / 5MHz

Lowest Channel / QPSK



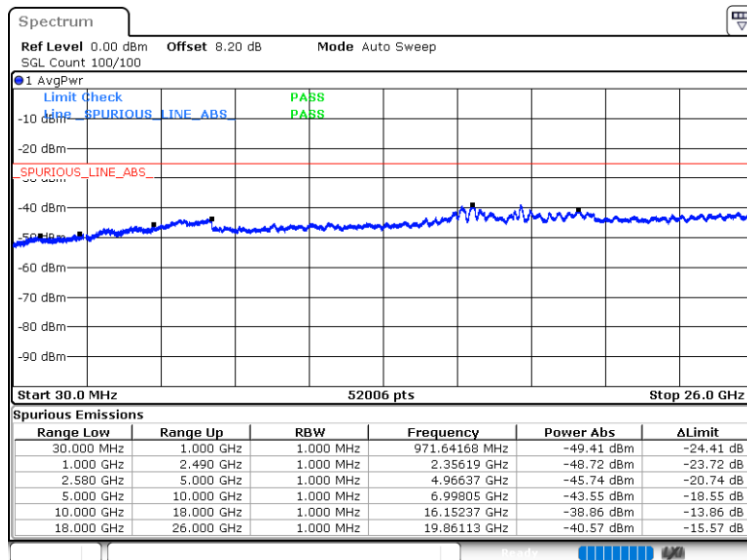
Date: 2.JUN.2026 22:52:30

Middle Channel / QPSK



Date: 2.JUN.2026 22:53:52

Highest Channel / QPSK

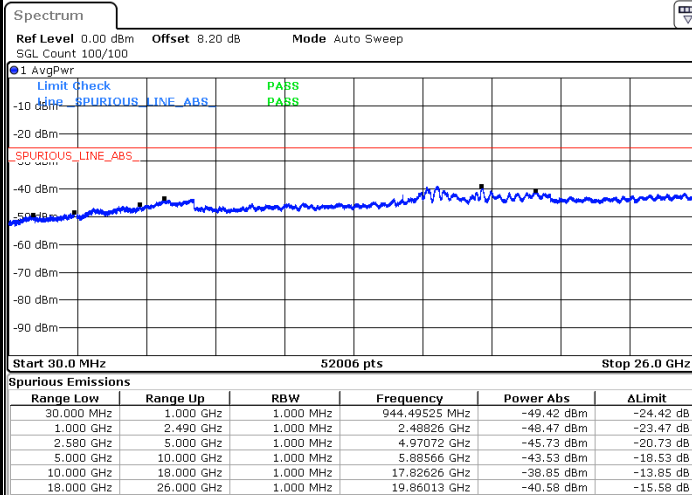


Date: 2.JUN.2026 22:55:14



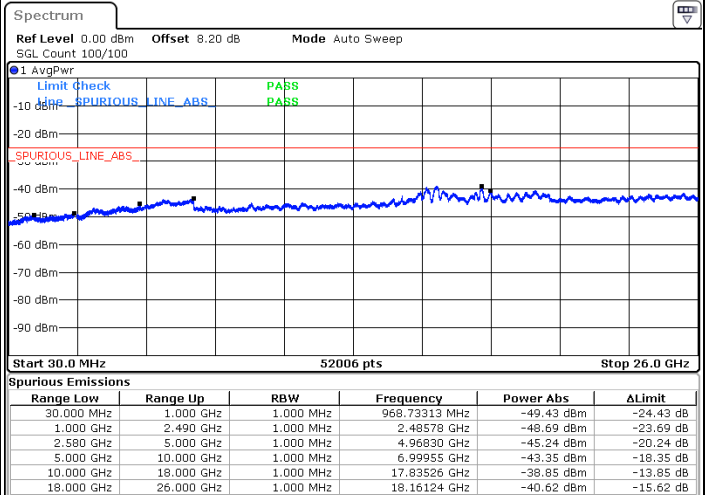
LTE Band 7 / 10MHz

Lowest Channel / QPSK



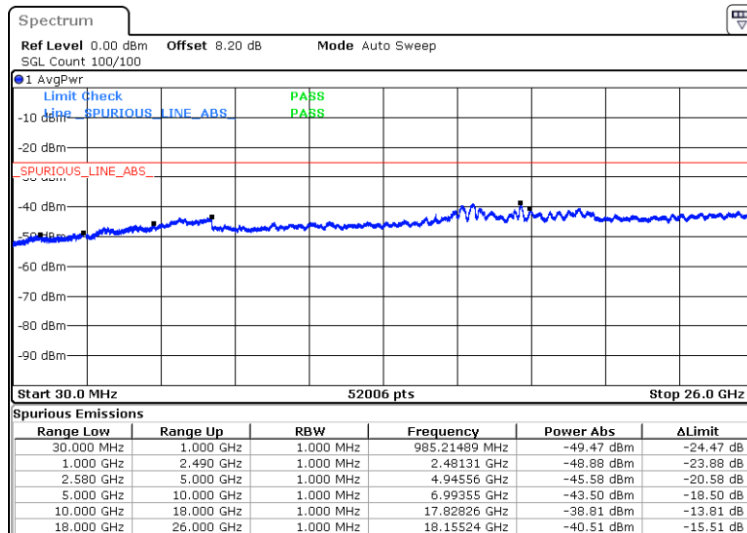
Date: 2.JUN.2026 22:56:37

Middle Channel / QPSK



Date: 2.JUN.2026 22:57:59

Highest Channel / QPSK

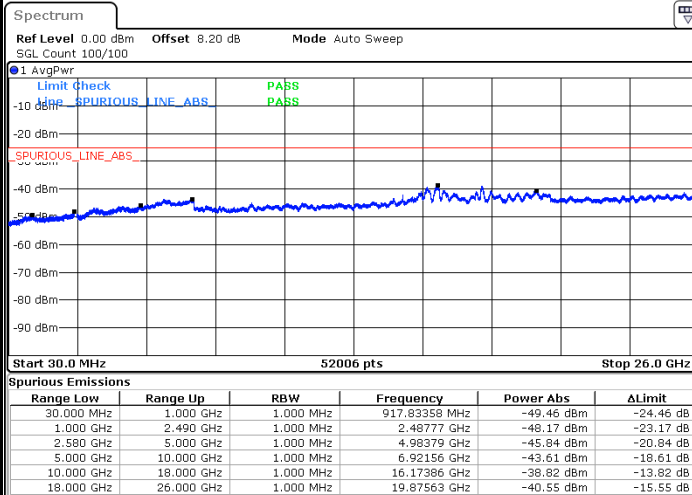


Date: 2.JUN.2026 22:59:22



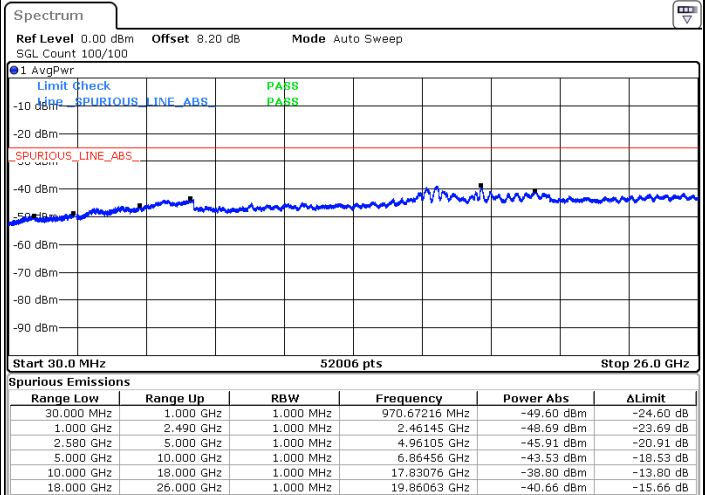
LTE Band 7 / 15MHz

Lowest Channel / QPSK



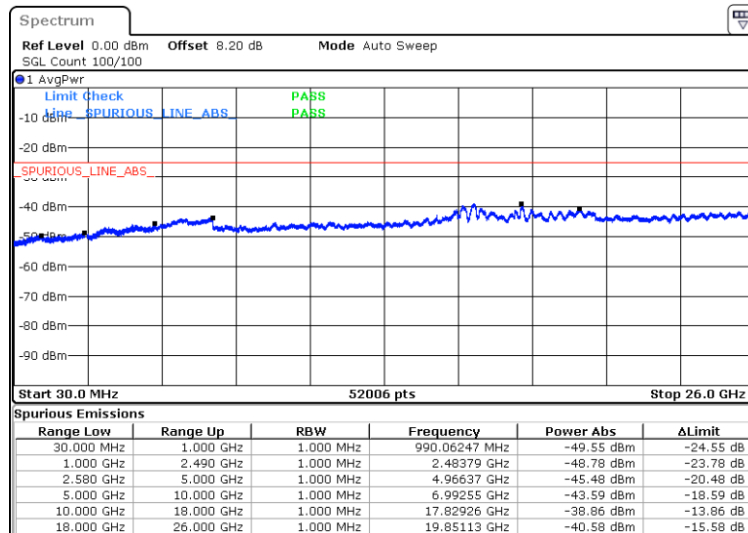
Date: 2.JUN.2026 23:00:45

Middle Channel / QPSK



Date: 2.JUN.2026 23:02:07

Highest Channel / QPSK

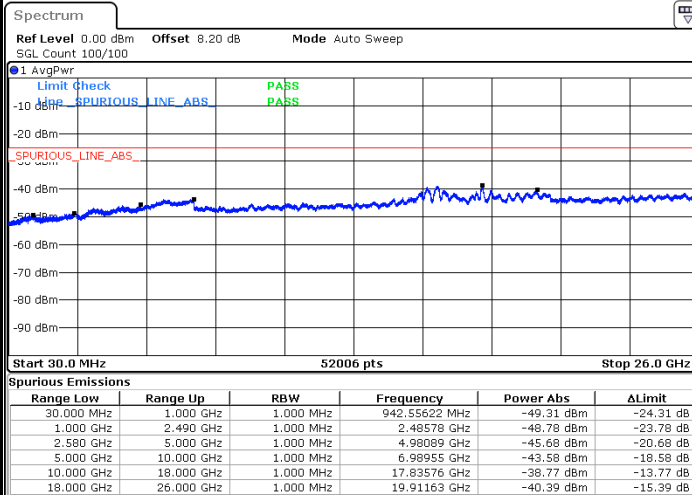


Date: 2.JUN.2026 23:03:29



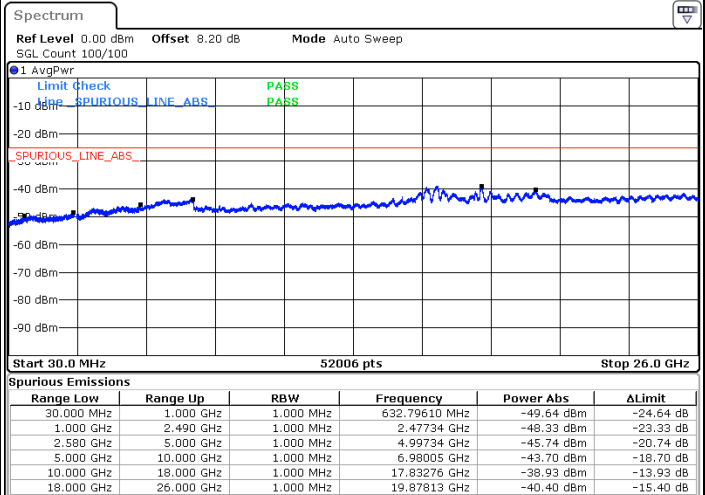
LTE Band 7 / 20MHz

Lowest Channel / QPSK



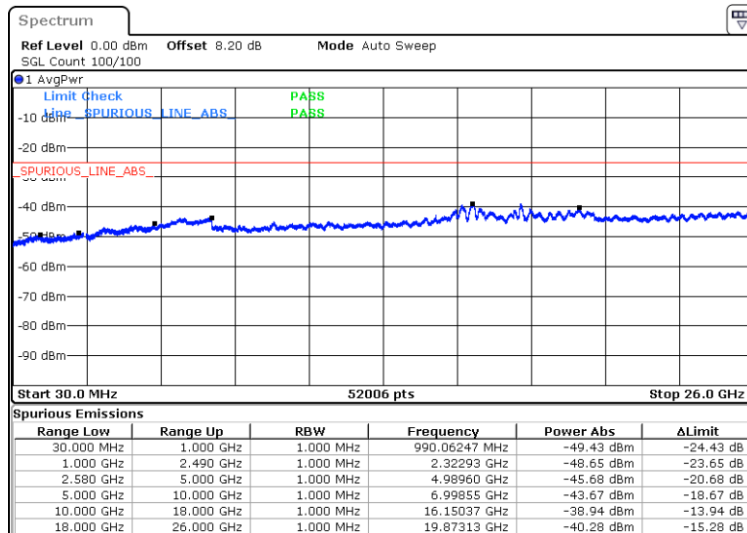
Date: 2.JUN.2026 23:04:52

Middle Channel / QPSK



Date: 2.JUN.2026 23:06:14

Highest Channel / QPSK



Date: 2.JUN.2026 23:07:36

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0002	-0.4	Yes	PASS
40	Normal Voltage	0.0047	12	Yes	
30	Normal Voltage	0.0037	9.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0006	-1.5	Yes	
0	Normal Voltage	0.0055	14	Yes	
-10	Normal Voltage	0.0036	9.1	Yes	
-20	Normal Voltage	0.0008	2	Yes	
-30	Normal Voltage	0.0009	2.2	Yes	
20	Maximum Voltage	0.0027	6.9	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0020	5.1	Yes	

Note:

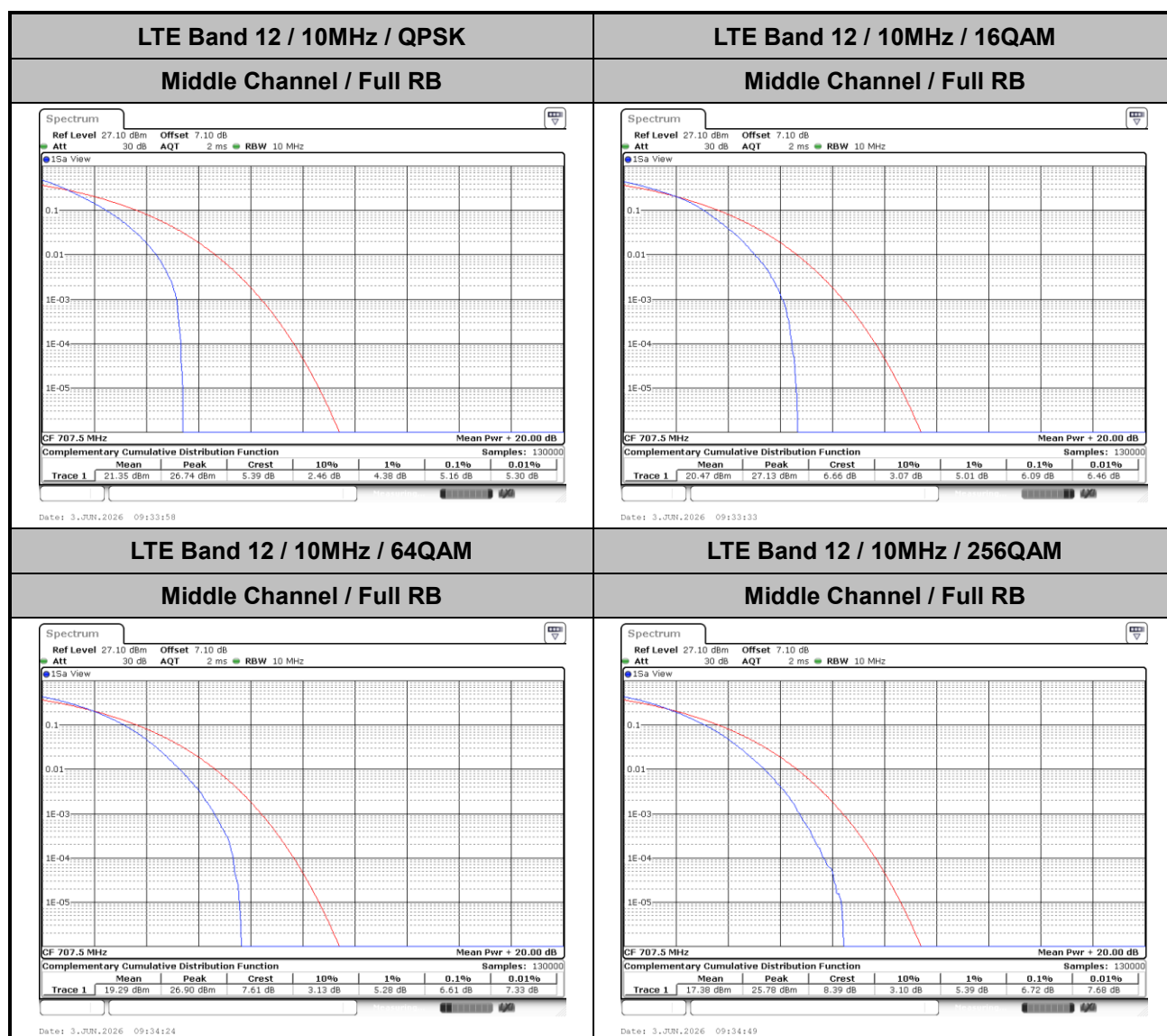
1. Normal Voltage = 3.81 V. ; Minimum Voltage = 3.35 V. ; Maximum Voltage = 4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 12

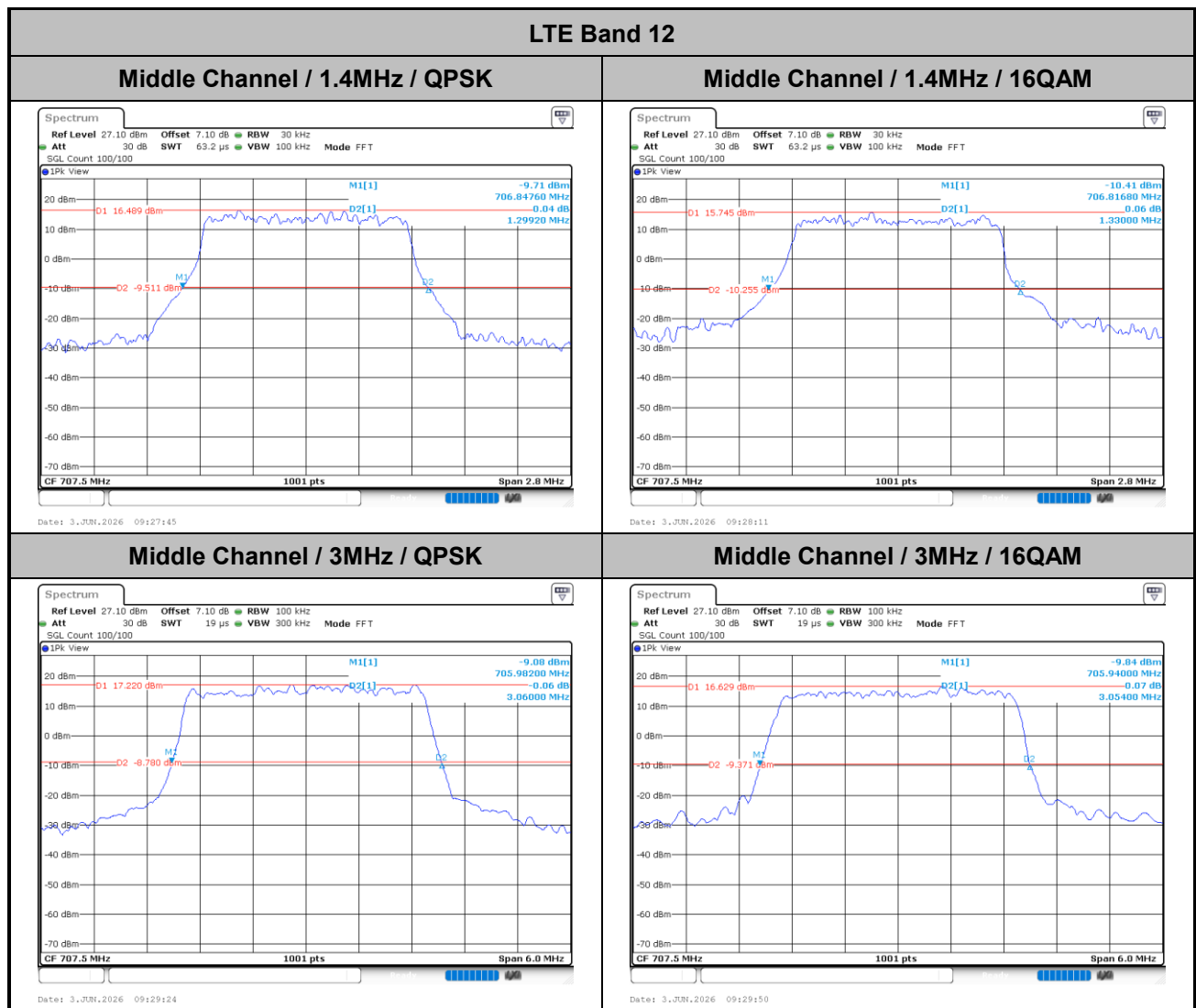
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.16	6.09	6.61	6.72	PASS



**26dB Bandwidth**

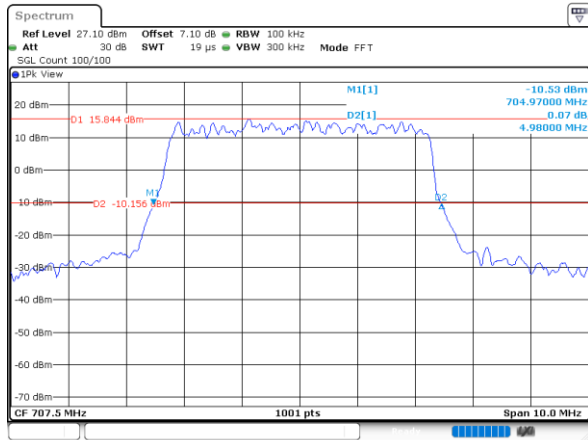
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.29	1.33	3.06	3.05	4.98	4.91	9.96	9.90	-	-	-	-



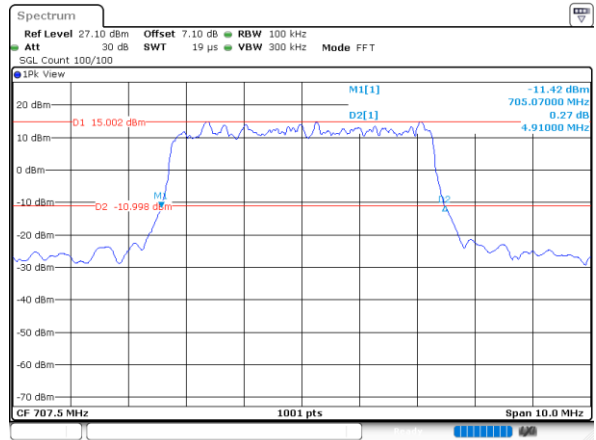


LTE Band 12

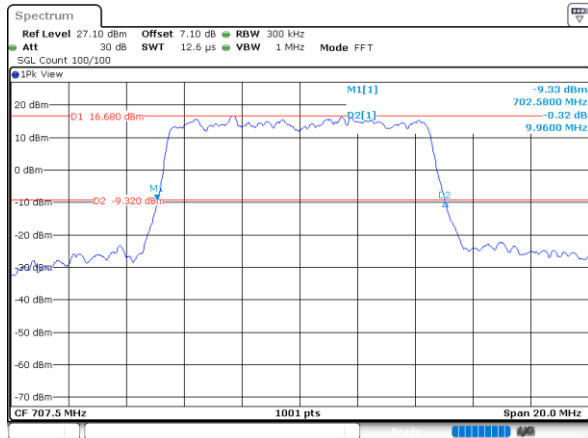
Middle Channel / 5MHz / QPSK



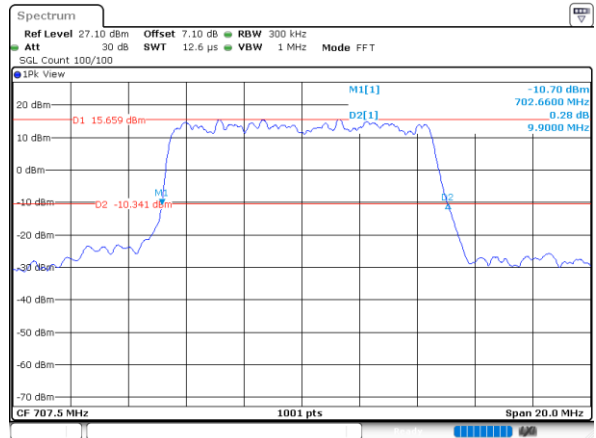
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



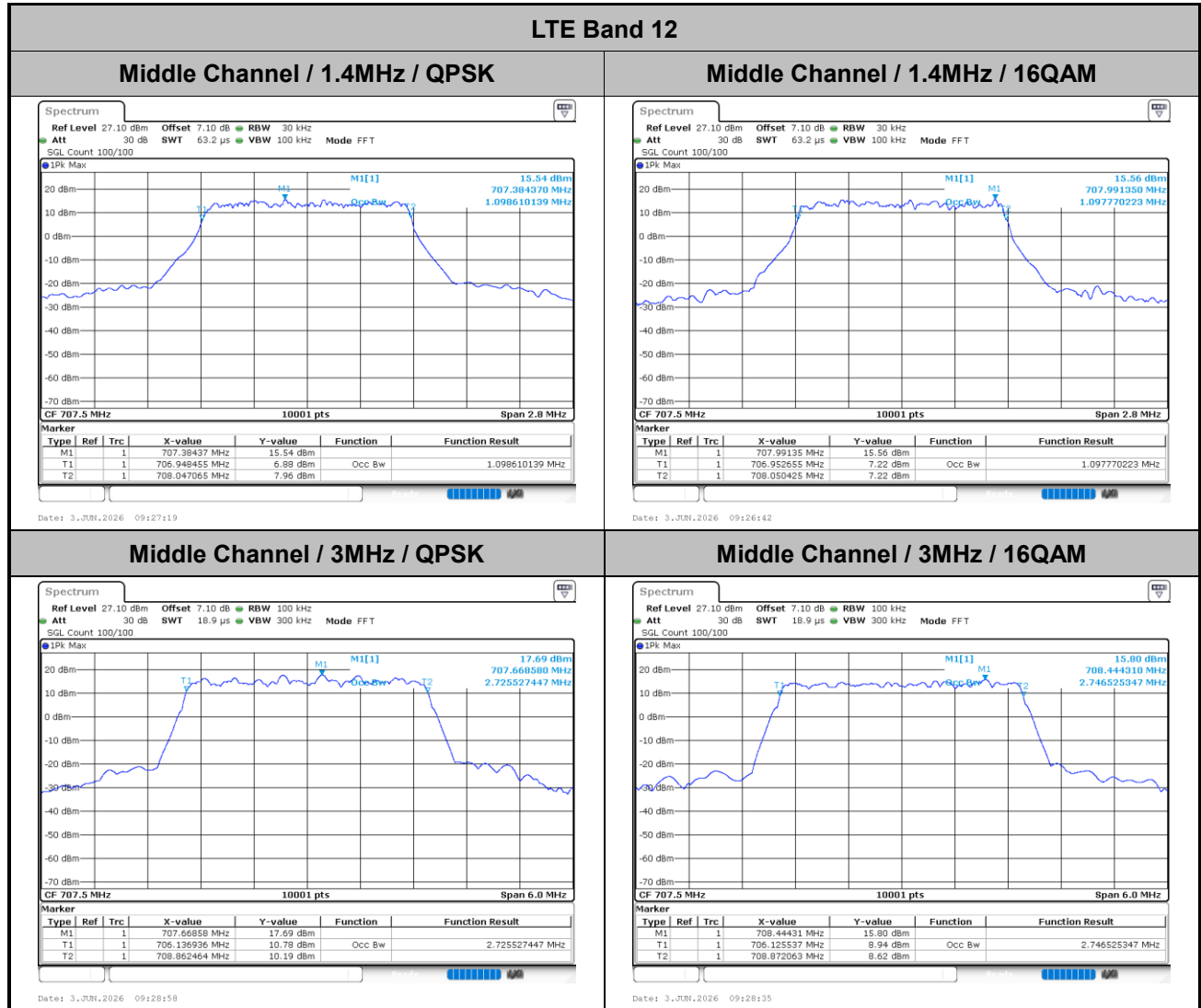
Middle Channel / 10MHz / 16QAM





Occupied Bandwidth

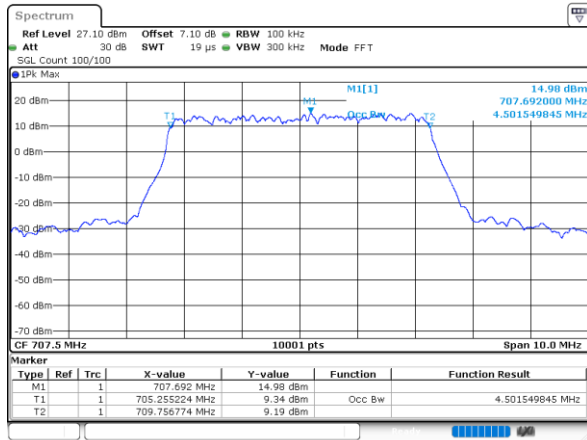
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.72	2.74	4.50	4.50	9.09	9.02	-	-	-	-



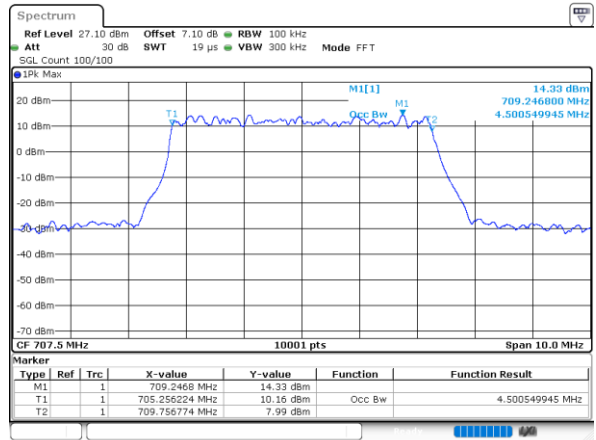


LTE Band 12

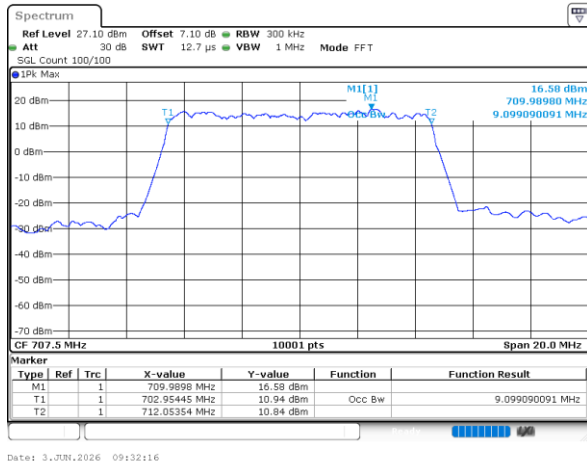
Middle Channel / 5MHz / QPSK



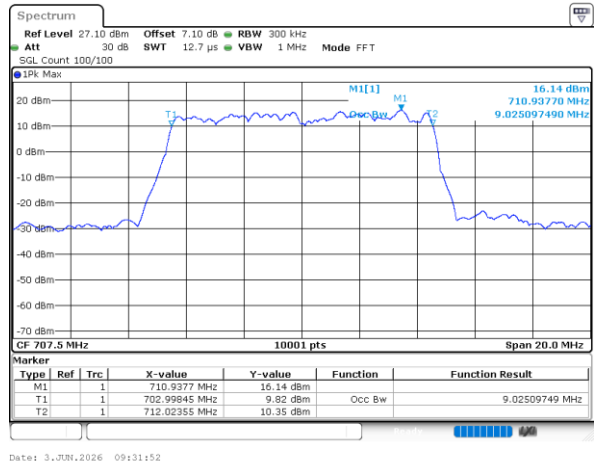
Middle Channel / 5MHz / 16QAM

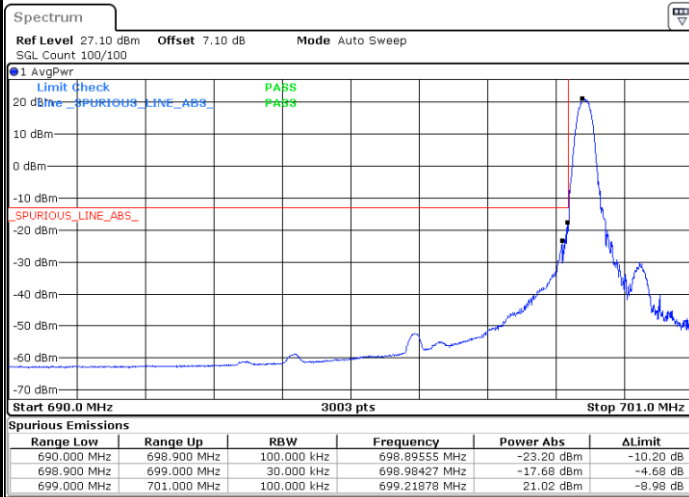
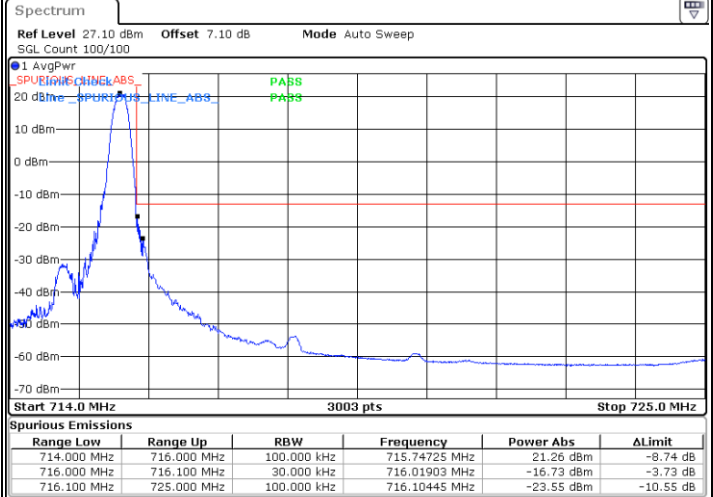
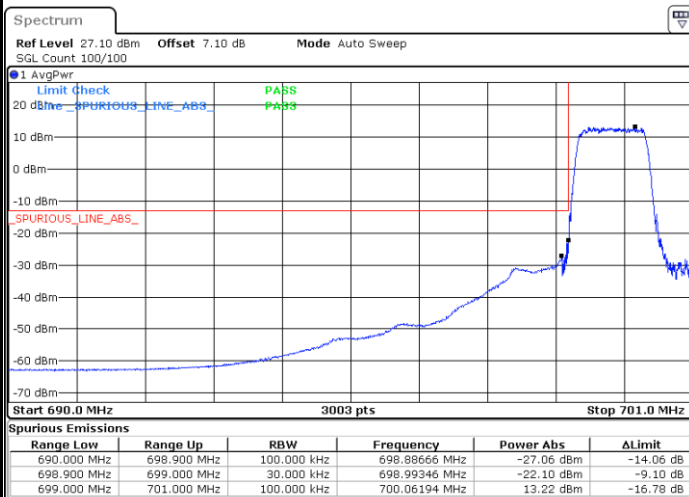
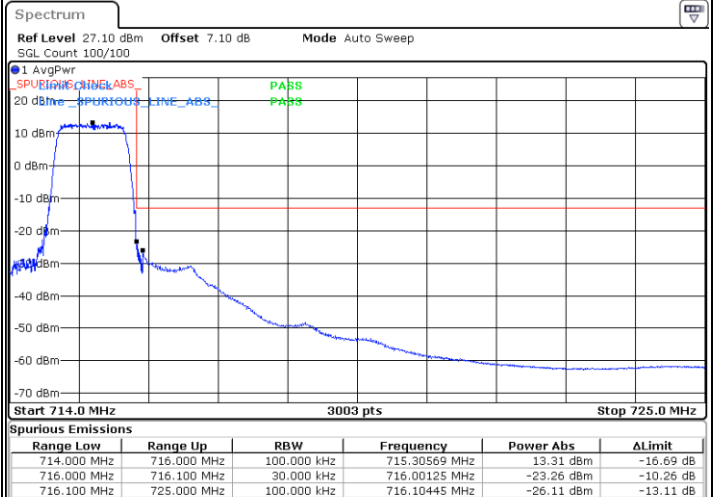


Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

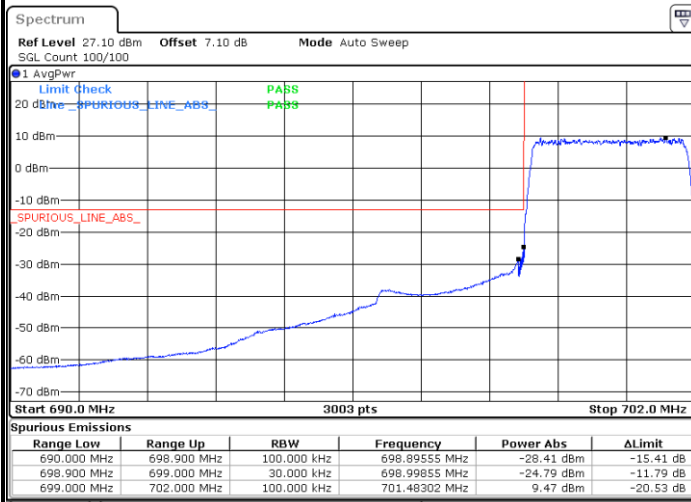


**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

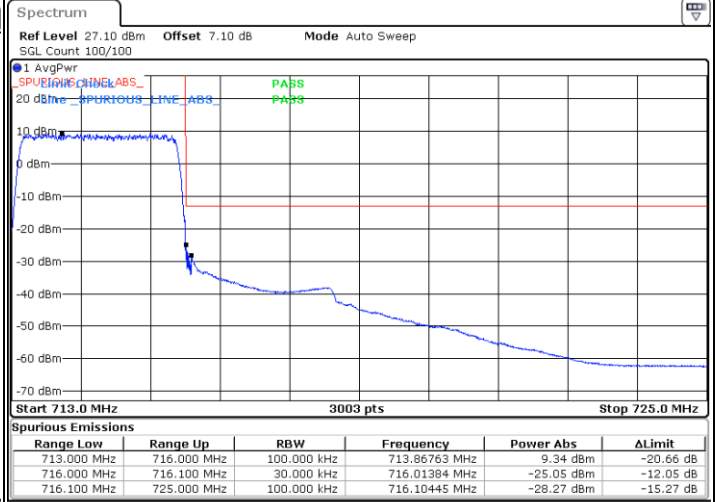


LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / Full RB

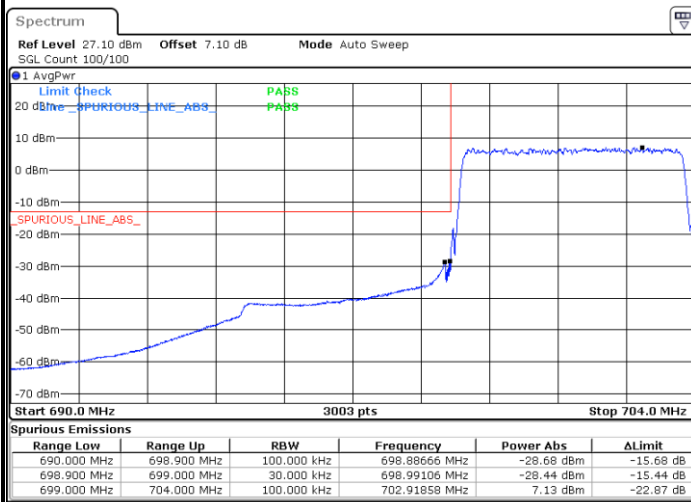


Highest Band Edge / Full RB

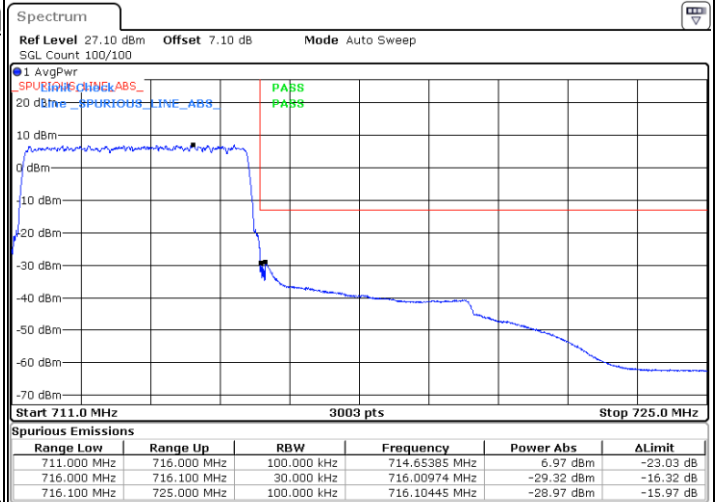


LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

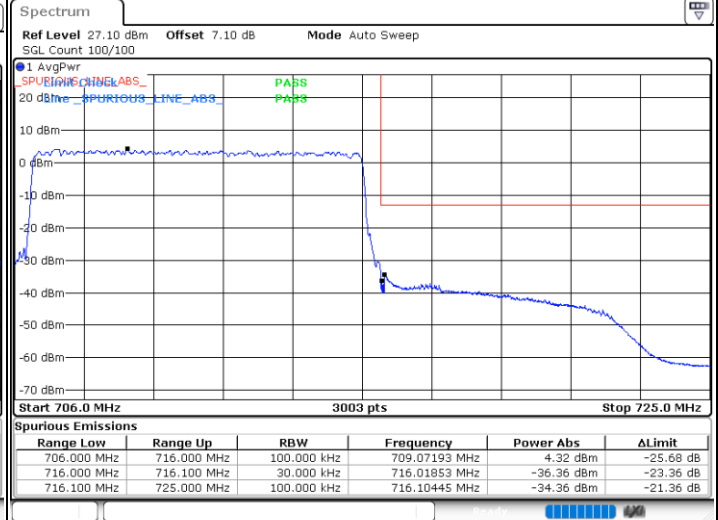
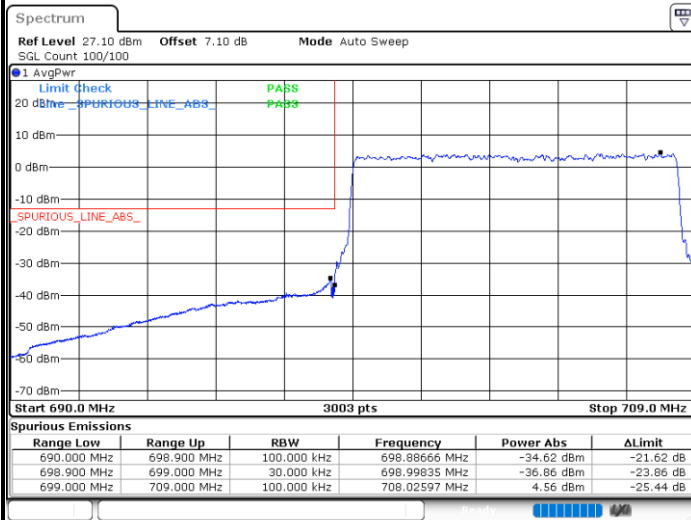




LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

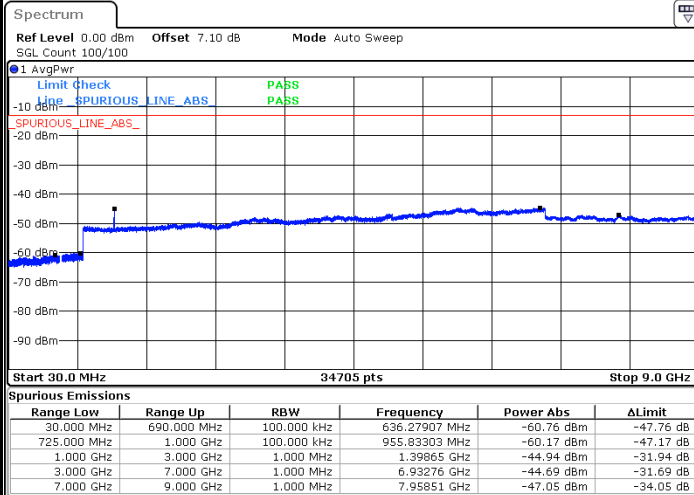




Conducted Spurious Emission

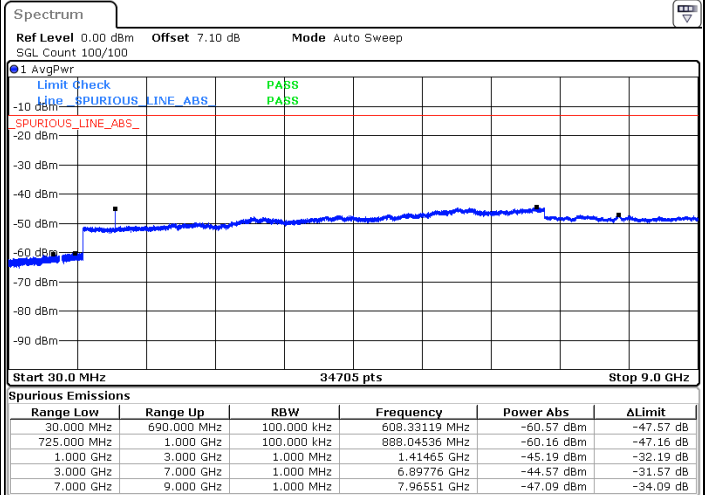
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



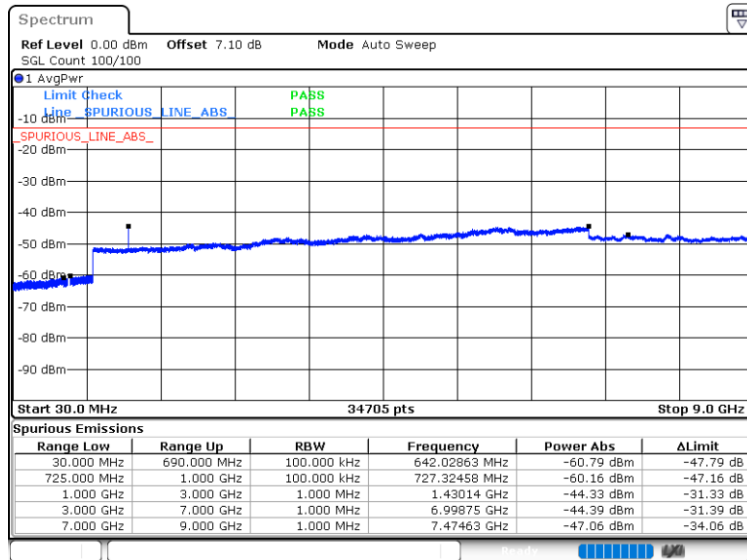
Date: 3.JUN.2026 09:38:17

Middle Channel / QPSK



Date: 3.JUN.2026 09:39:39

Highest Channel / QPSK

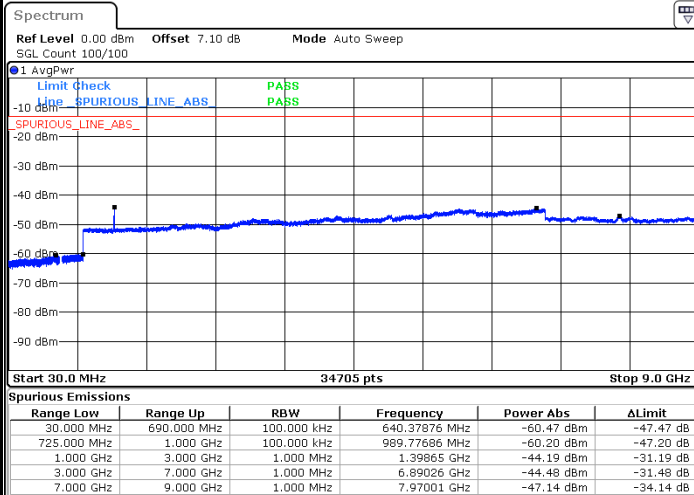


Date: 3.JUN.2026 09:43:07



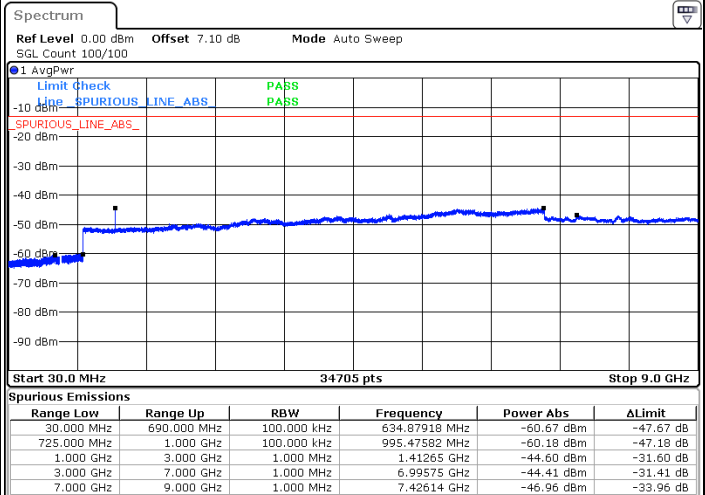
LTE Band 12 / 3MHz

Lowest Channel / QPSK



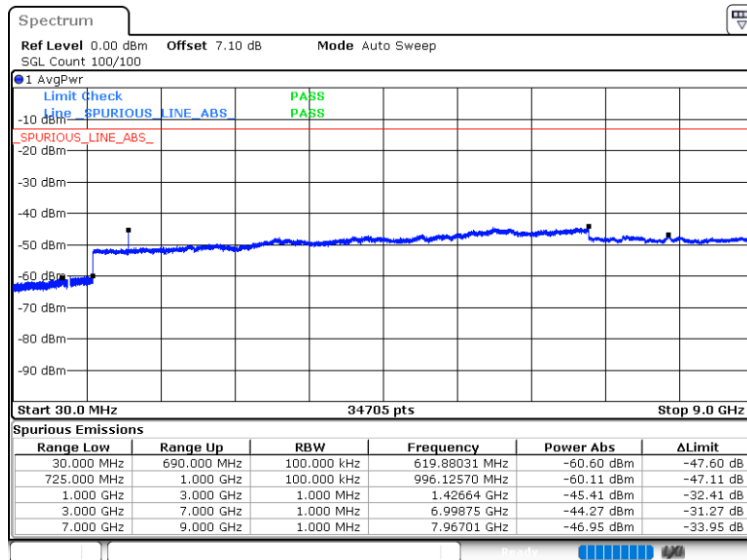
Date: 3.JUN.2026 09:50:49

Middle Channel / QPSK



Date: 3.JUN.2026 09:52:11

Highest Channel / QPSK

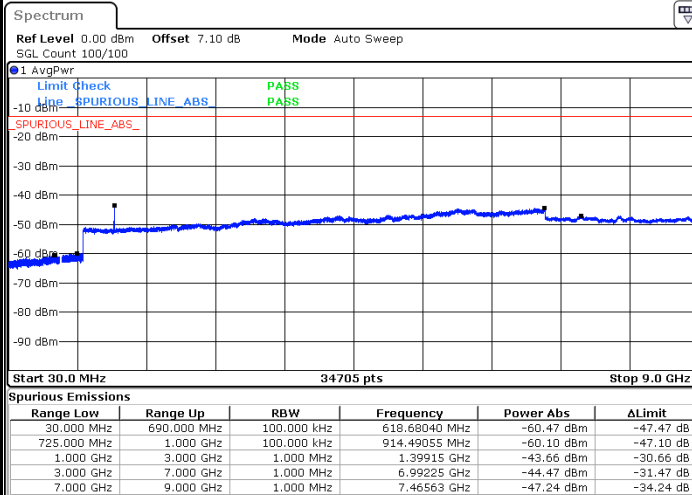


Date: 3.JUN.2026 09:55:38



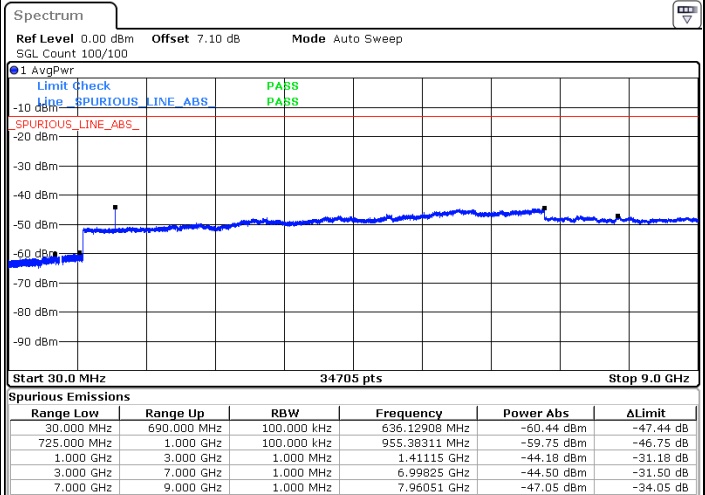
LTE Band 12 / 5MHz

Lowest Channel / QPSK



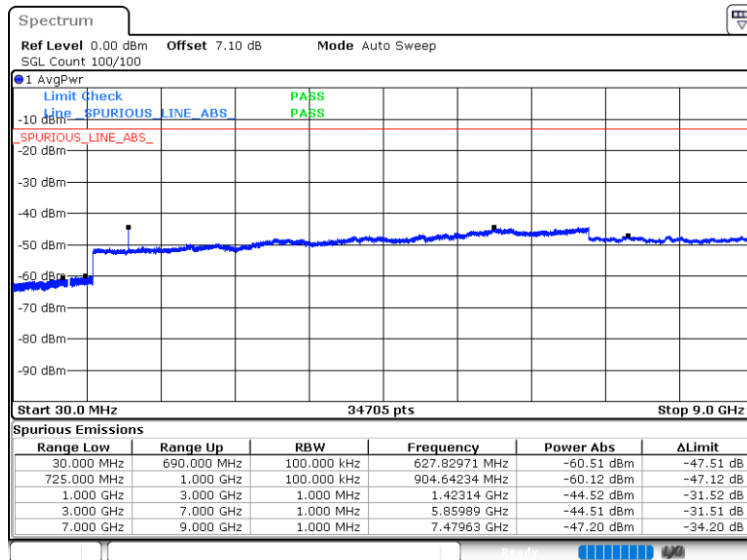
Date: 3.JUN.2026 09:57:01

Middle Channel / QPSK



Date: 3.JUN.2026 09:58:23

Highest Channel / QPSK

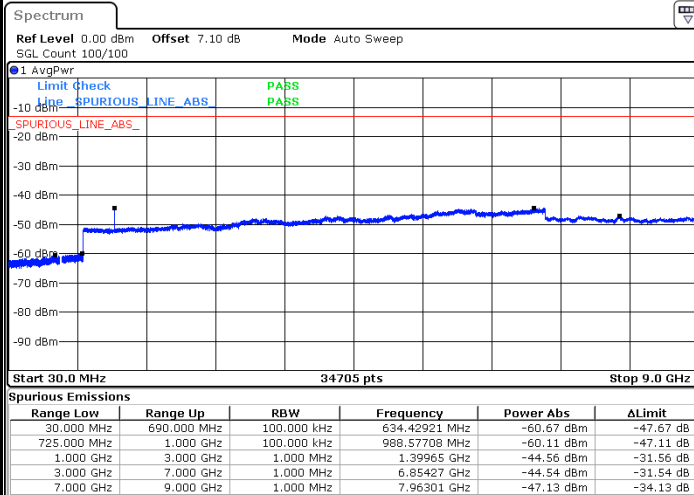


Date: 3.JUN.2026 09:59:46



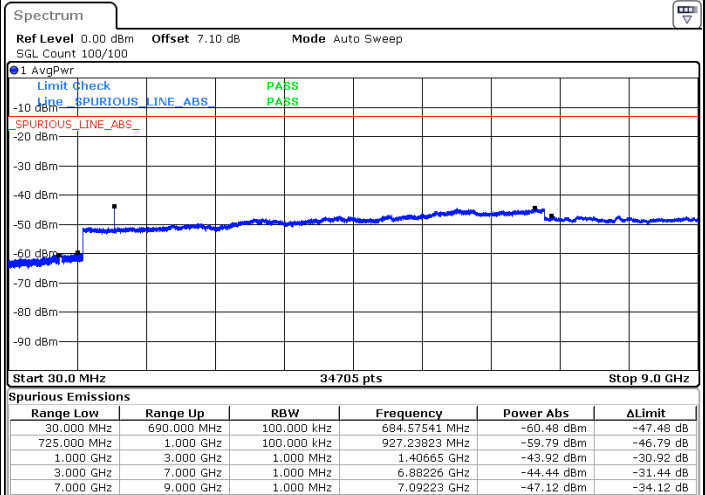
LTE Band 12 / 10MHz

Lowest Channel / QPSK



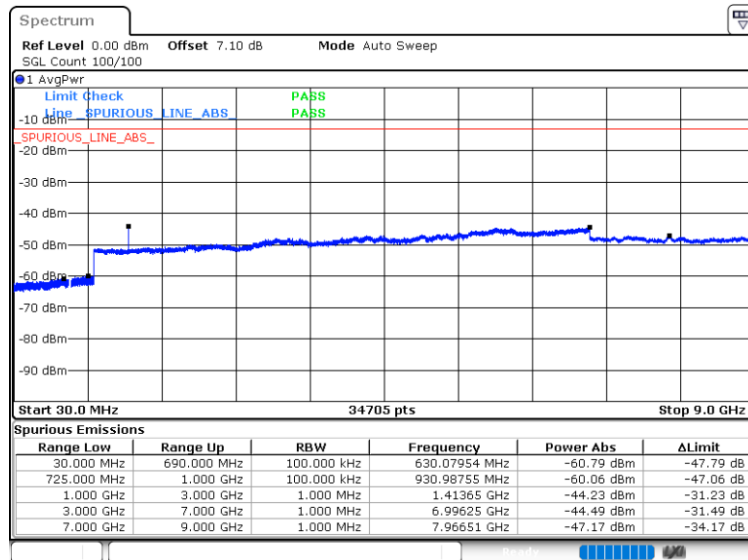
Date: 3.JUN.2026 10:01:09

Middle Channel / QPSK



Date: 3.JUN.2026 10:02:32

Highest Channel / QPSK



Date: 3.JUN.2026 10:03:54

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0003	0.2	Yes	PASS
40	Normal Voltage	0.0066	-4.7	Yes	
30	Normal Voltage	0.0059	4.2	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0049	3.5	Yes	
0	Normal Voltage	0.0017	-1.2	Yes	
-10	Normal Voltage	0.0171	12.1	Yes	
-20	Normal Voltage	0.0057	4	Yes	
-30	Normal Voltage	0.0013	-0.9	Yes	
20	Maximum Voltage	0.0095	-6.7	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0069	4.9	Yes	

Note:

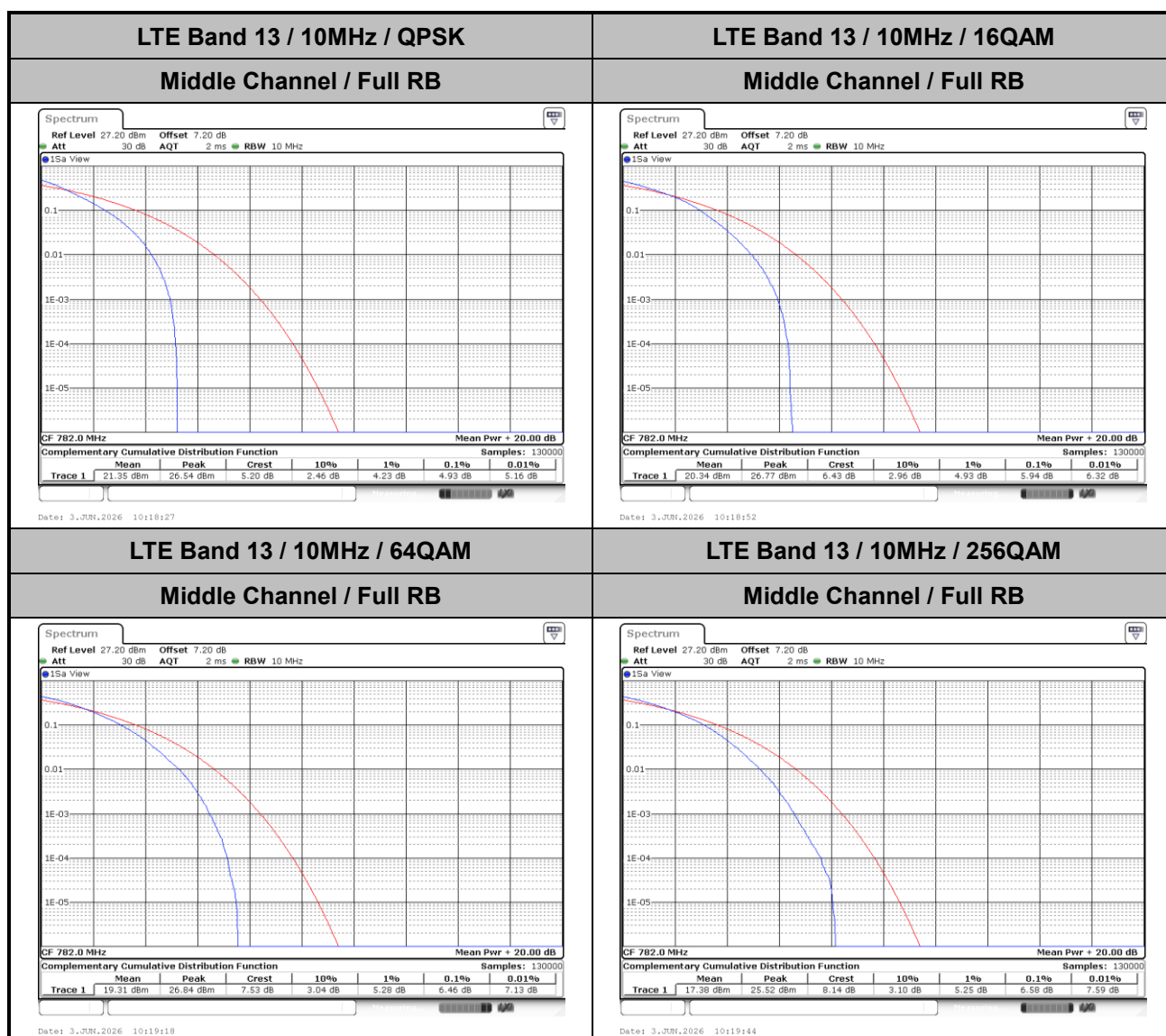
1. Normal Voltage = 3.81 V. ; Minimum Voltage = 3.35 V. ; Maximum Voltage = 4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 13

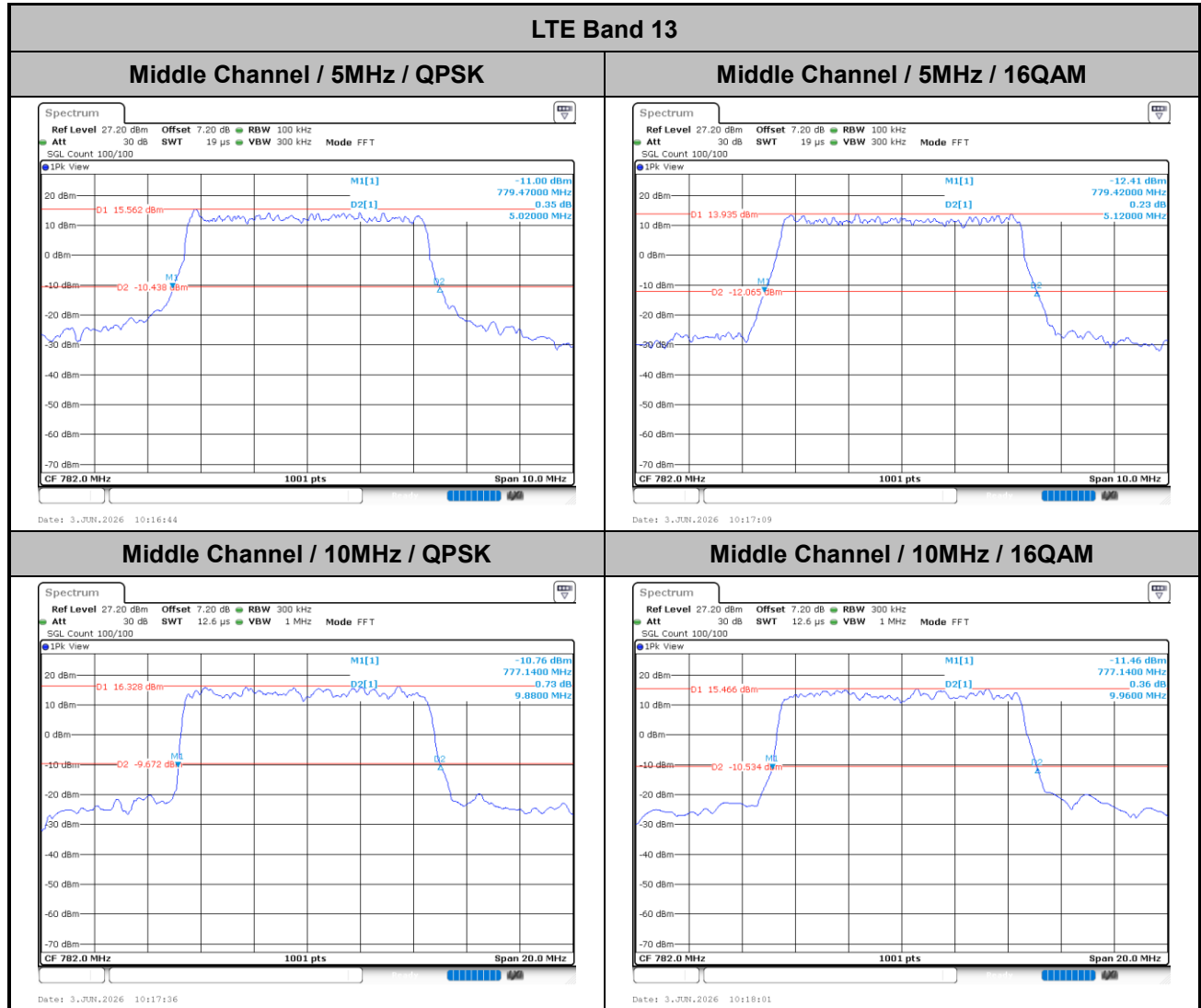
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.94	6.46	6.58	PASS



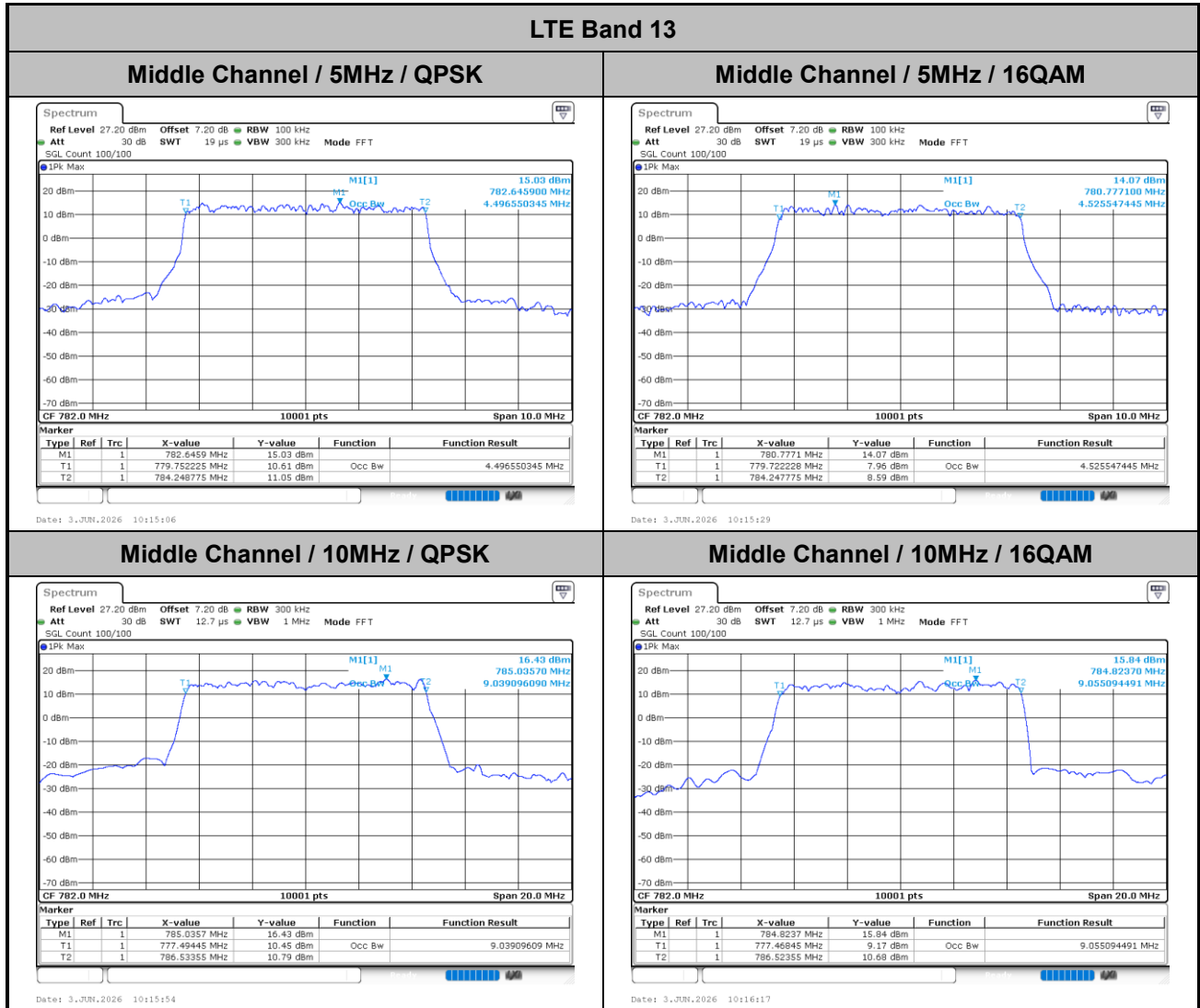
**26dB Bandwidth**

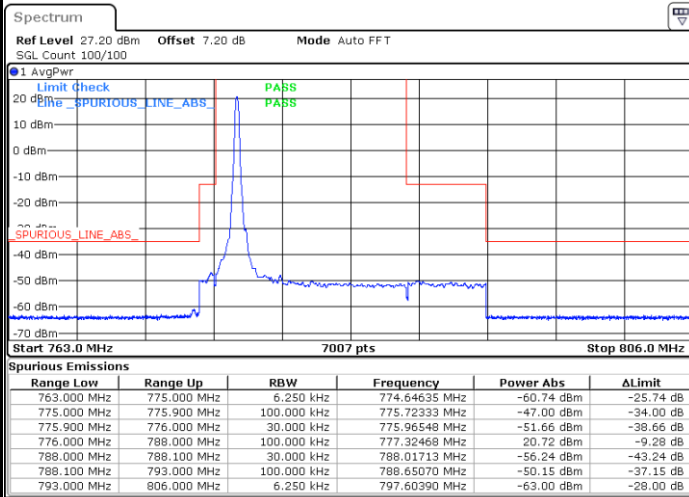
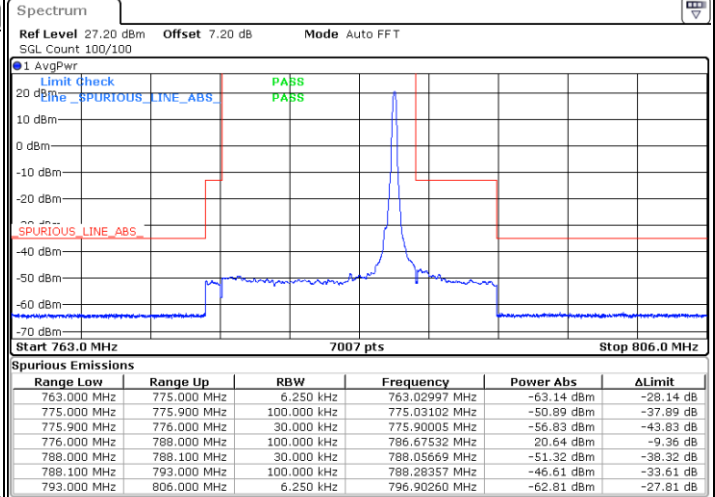
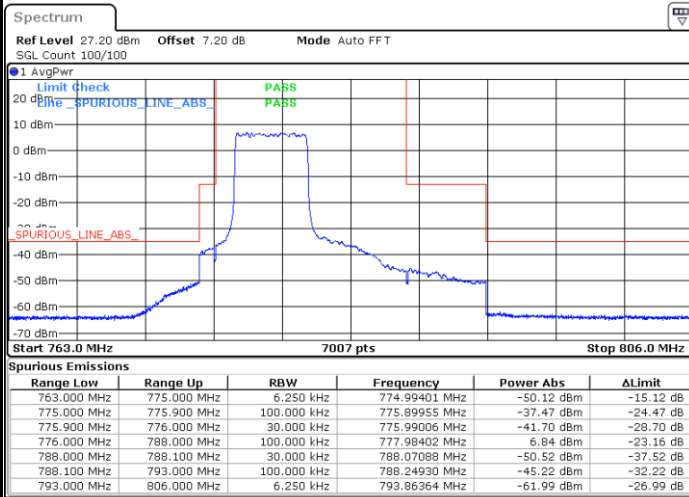
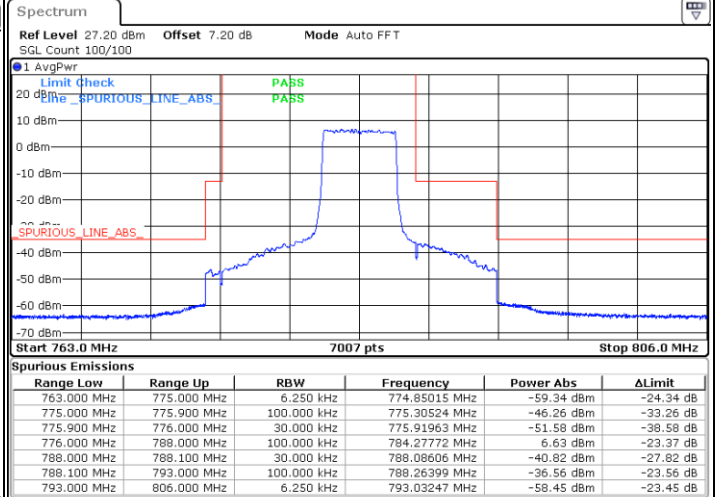
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.02	5.12	9.88	9.96	-	-	-	-

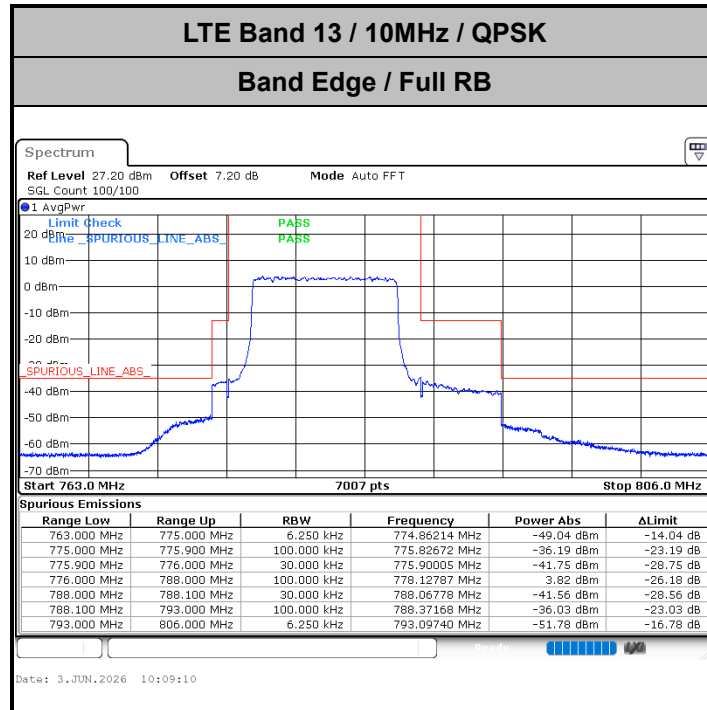


**Occupied Bandwidth**

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.52	9.03	9.05	-	-	-	-



**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

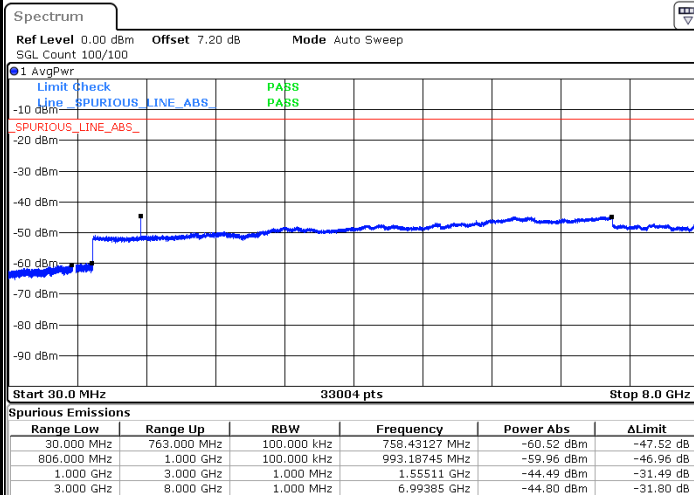




Conducted Spurious Emission

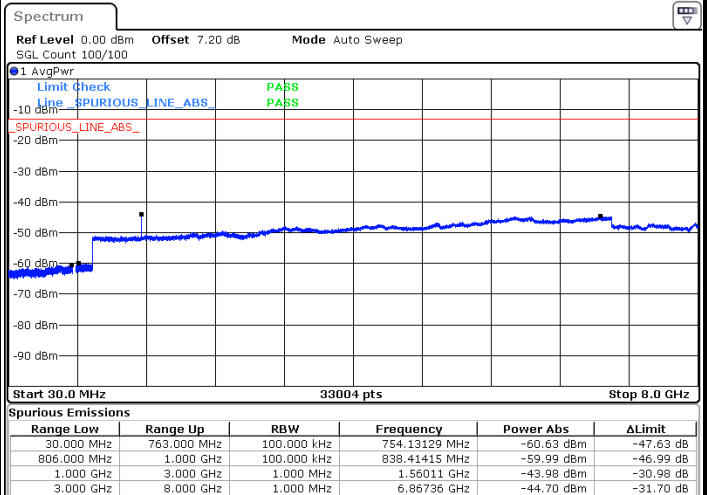
LTE Band 13 / 5MHz

Lowest Channel / QPSK



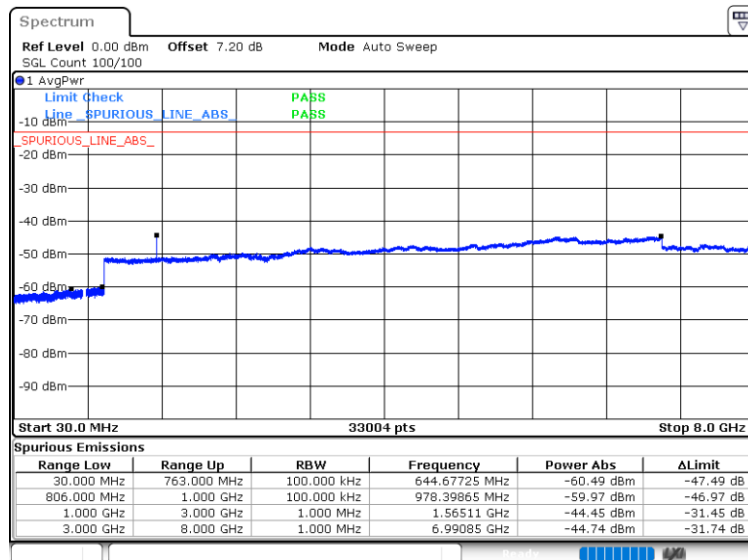
Date: 3.JUN.2026 10:10:33

Middle Channel / QPSK



Date: 3.JUN.2026 10:11:55

Highest Channel / QPSK

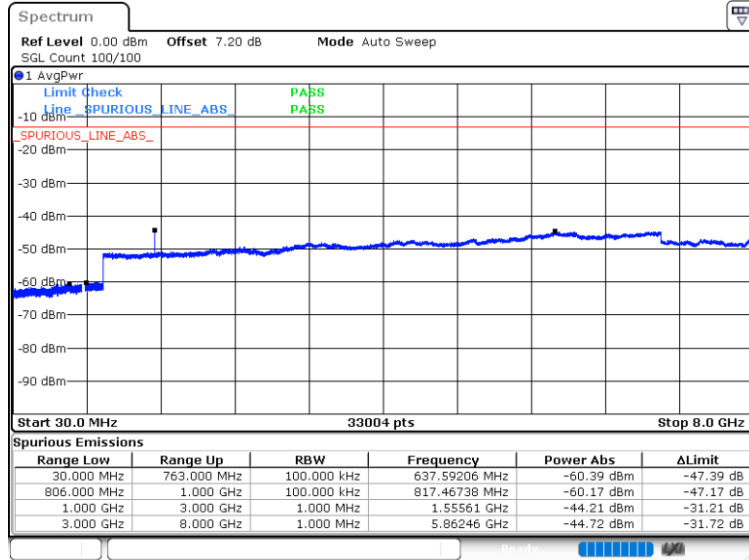


Date: 3.JUN.2026 10:13:17



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 3-JUN-2026 10:14:40

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0008	-0.6	Yes	PASS
40	Normal Voltage	0.0127	9.9	Yes	
30	Normal Voltage	0.0041	3.2	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0072	-5.6	Yes	
0	Normal Voltage	0.0137	10.7	Yes	
-10	Normal Voltage	0.0125	9.8	Yes	
-20	Normal Voltage	0.0095	-7.4	Yes	
-30	Normal Voltage	0.0042	-3.3	Yes	
20	Maximum Voltage	0.0001	-0.1	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0100	-7.8	Yes	

Note:

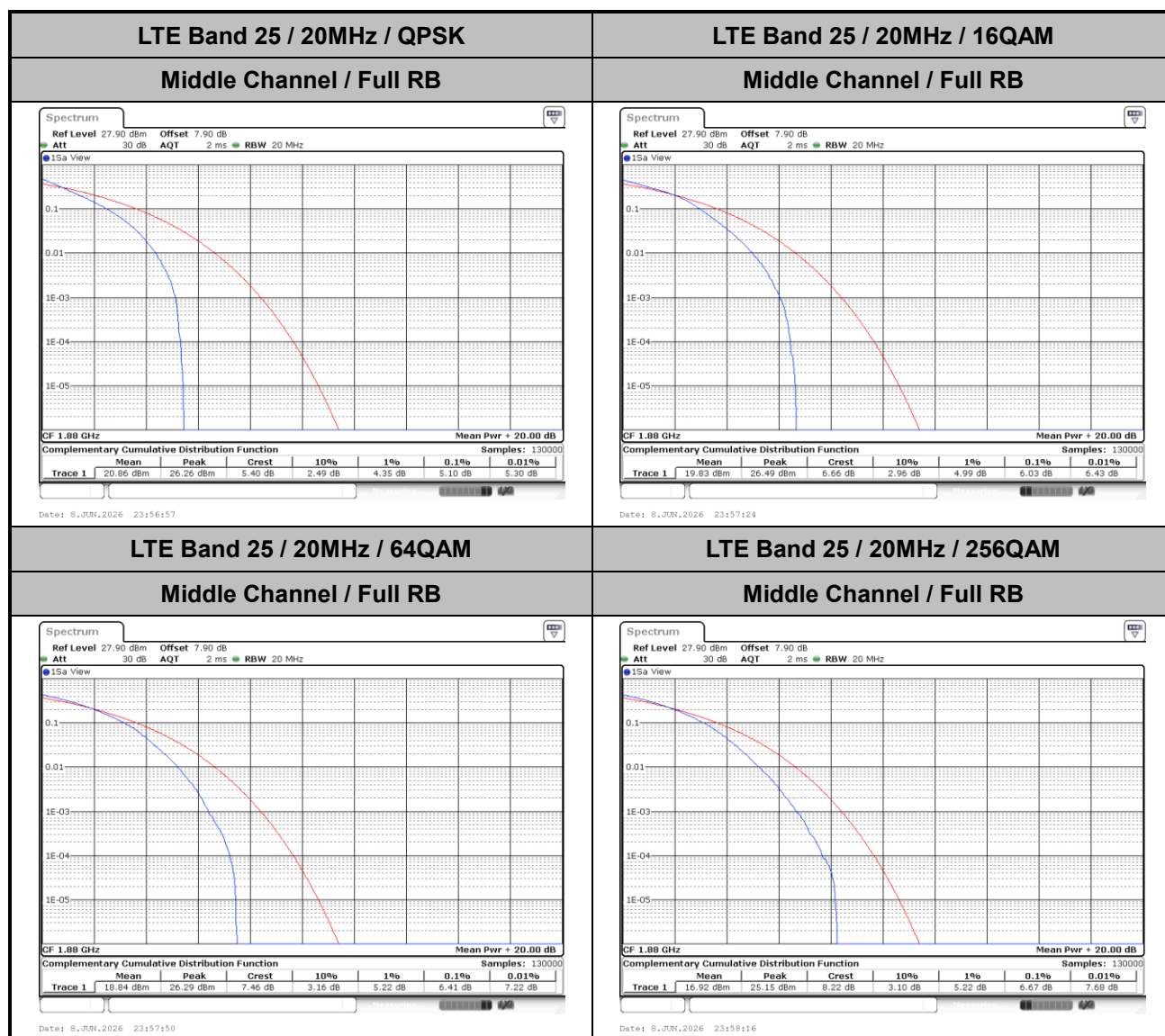
1. Normal Voltage = 3.81 V. ; Minimum Voltage = 3.35 V. ; Maximum Voltage = 4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	6.03	6.41	6.67	PASS





26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.33	3.07	3.07	5.00	5.09	9.88	9.90	14.73	14.85	19.24	18.88