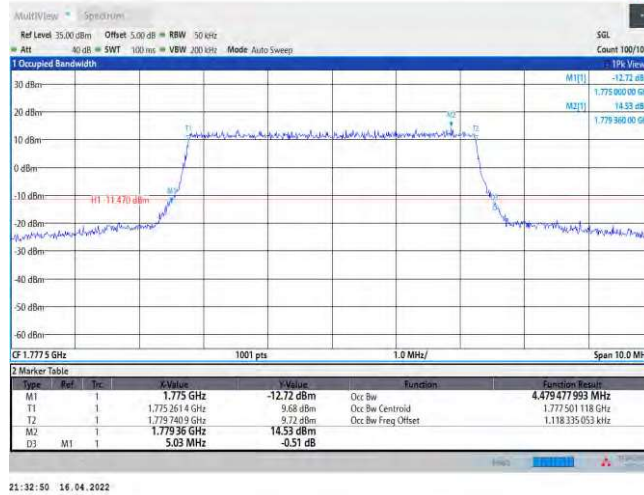
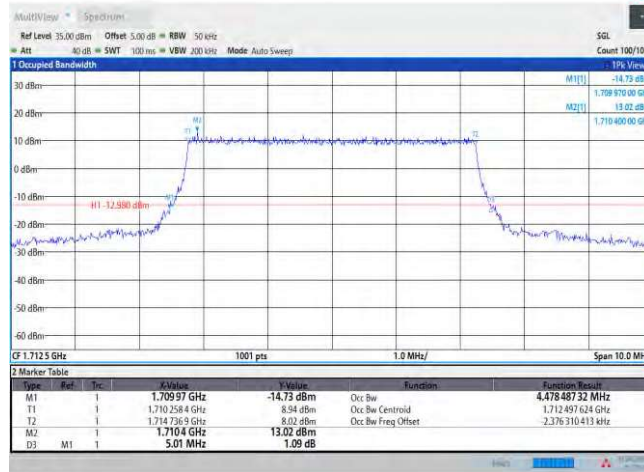


Band66-5MHz-64QAM-132647-25RB#0



21:32:50 16.04.2022

Band66-5MHz-256QAM-131997-25RB#0



21:29:50 16.04.2022

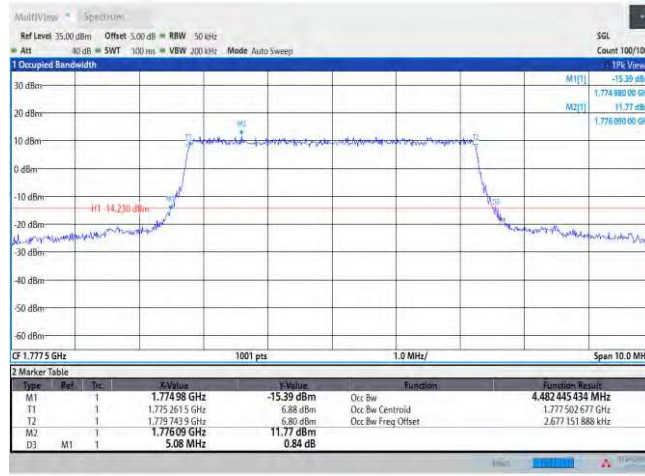


Band66-5MHz-256QAM-132322-25RB#0



21:31:33 16.04.2022

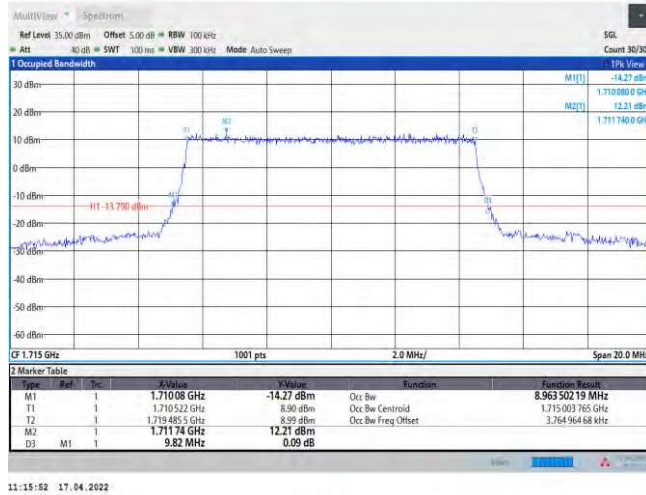
Band66-5MHz-256QAM-132647-25RB#0



21:33:16 16.04.2022

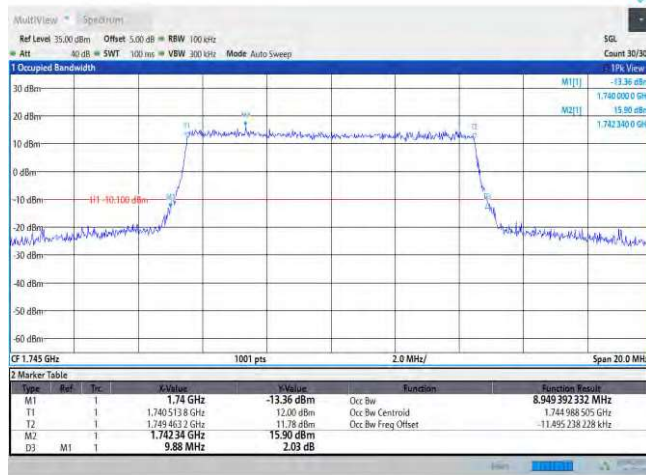


Band66-10MHz-QPSK-132022-50RB#0



11:15:52 17.04.2022

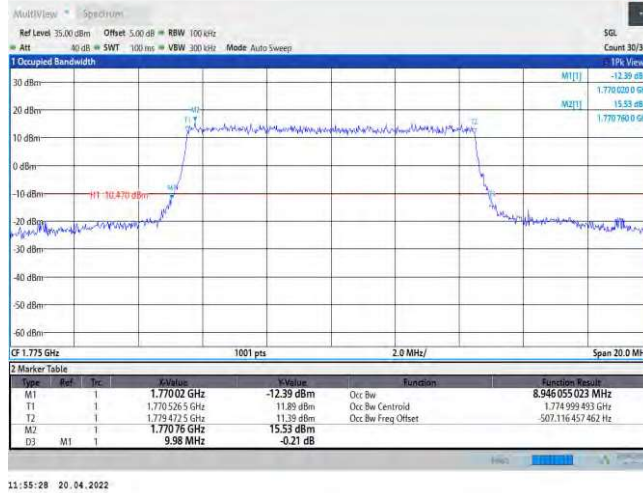
Band66-10MHz-QPSK-132322-50RB#0



11:55:09 20.04.2022

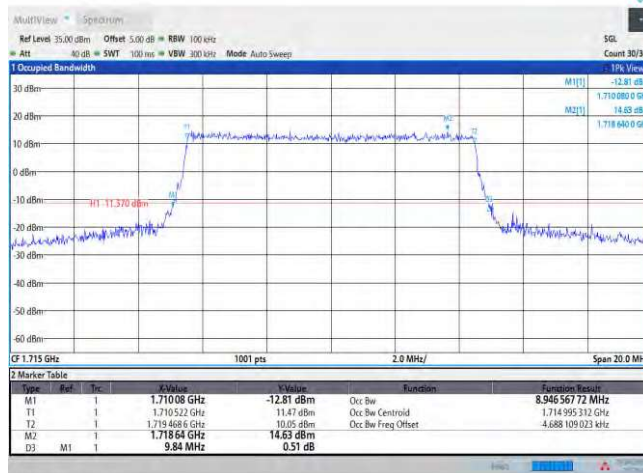


Band66-10MHz-QPSK-132622-50RB#0



11:55:28 20.04.2022

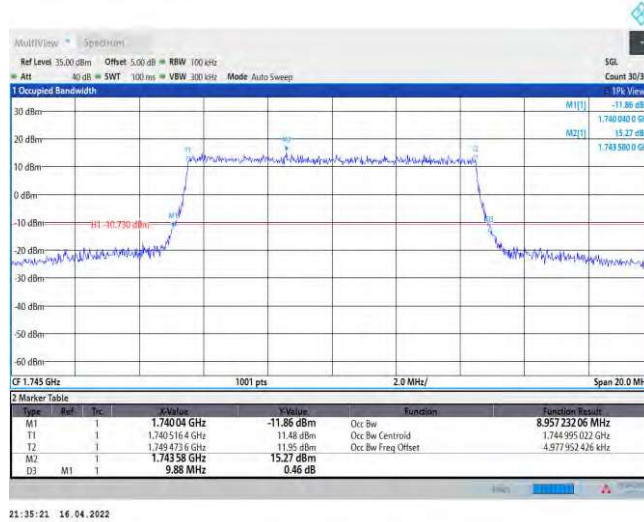
Band66-10MHz-16QAM-132022-50RB#0



21:34:07 16.04.2022

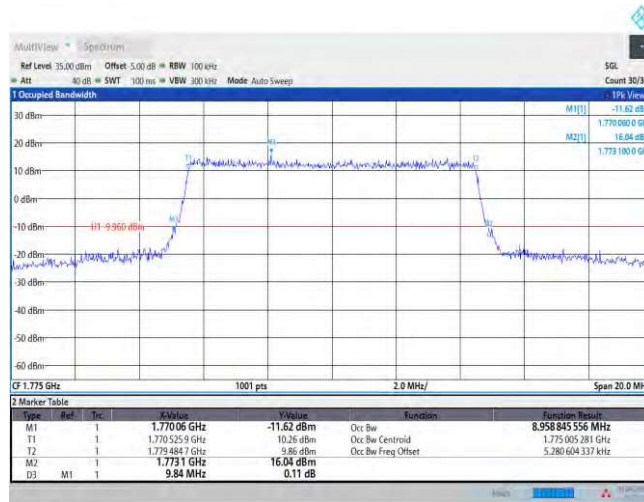


Band66-10MHz-16QAM-132322-50RB#0



21:35:21 16. 04. 2022

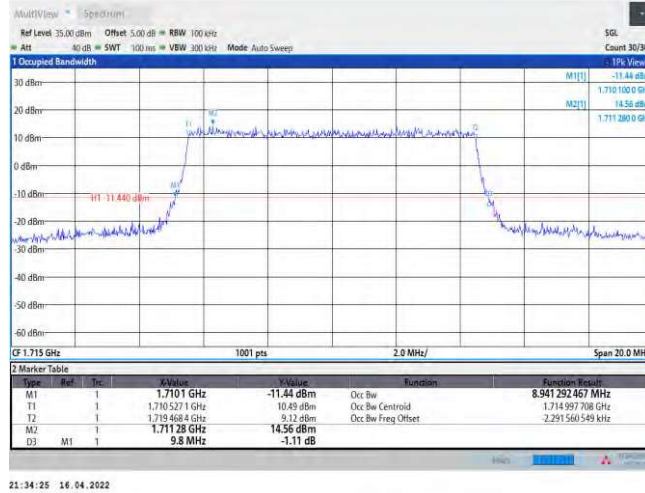
Band66-10MHz-16QAM-132622-50RB#0



21:36:38 16. 04. 2022



Band66-10MHz-64QAM-132022-50RB#0



21:34:25 16.04.2022

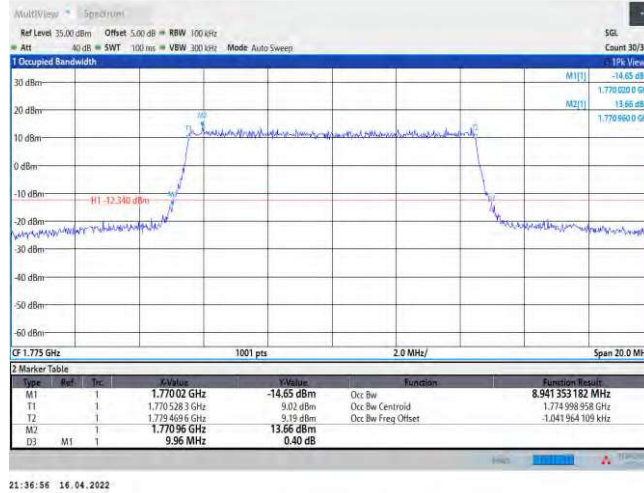
Band66-10MHz-64QAM-132322-50RB#0



21:35:40 16.04.2022

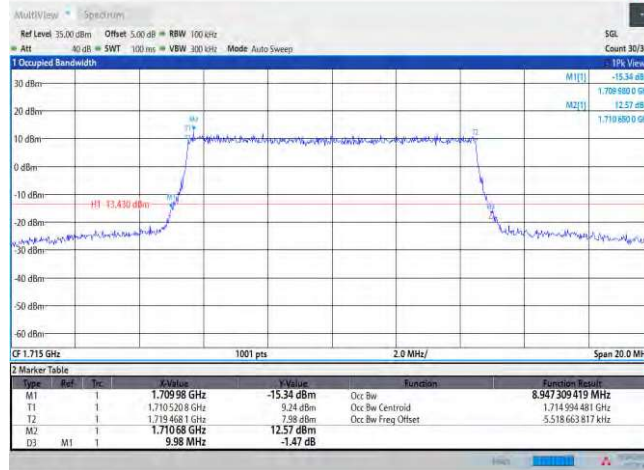


Band66-10MHz-64QAM-132622-50RB#0



21:36:56 16.04.2022

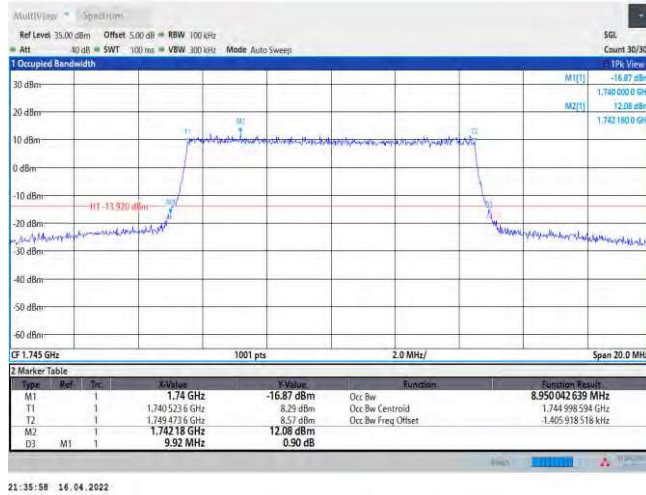
Band66-10MHz-256QAM-132022-50RB#0



21:34:43 16.04.2022

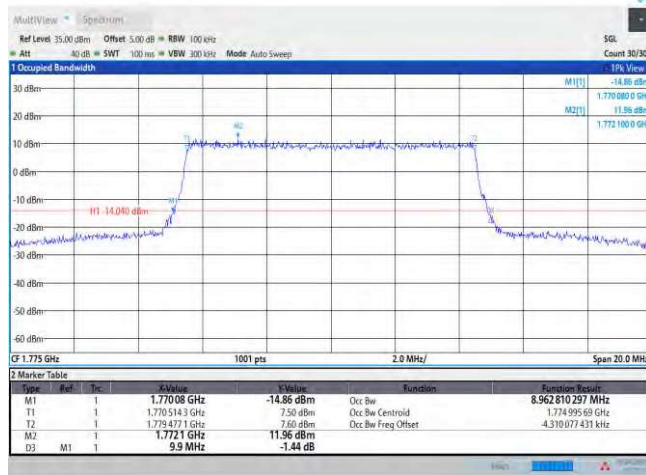


Band66-10MHz-256QAM-132322-50RB#0



21:35:58 16.04.2022

Band66-10MHz-256QAM-132622-50RB#0



21:37:15 16.04.2022

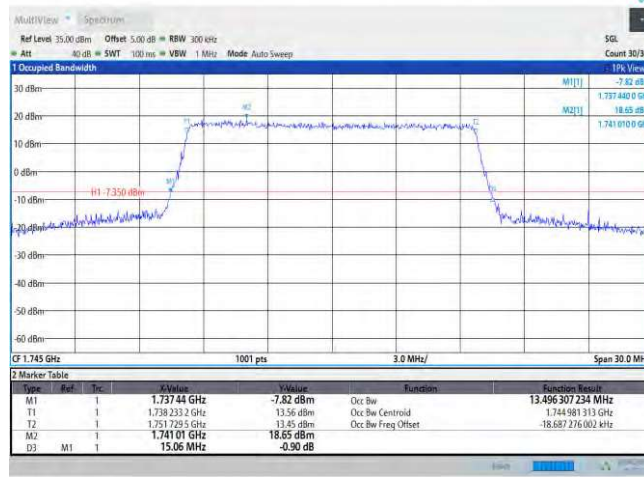


Band66-15MHz-QPSK-132047-75RB#0



11:17:04 17.04.2022

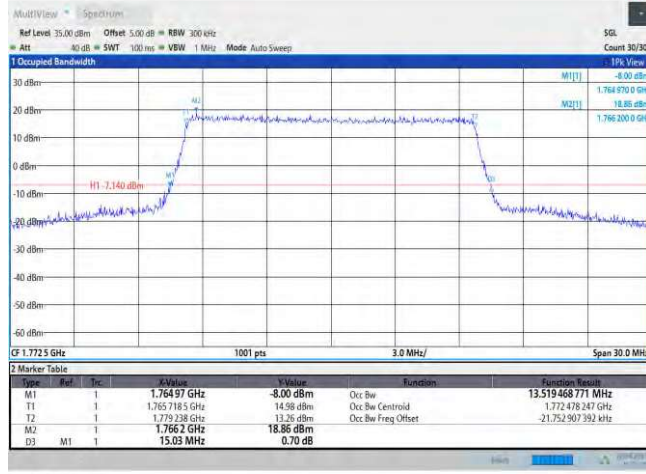
Band66-15MHz-QPSK-132322-75RB#0



11:55:59 20.04.2022

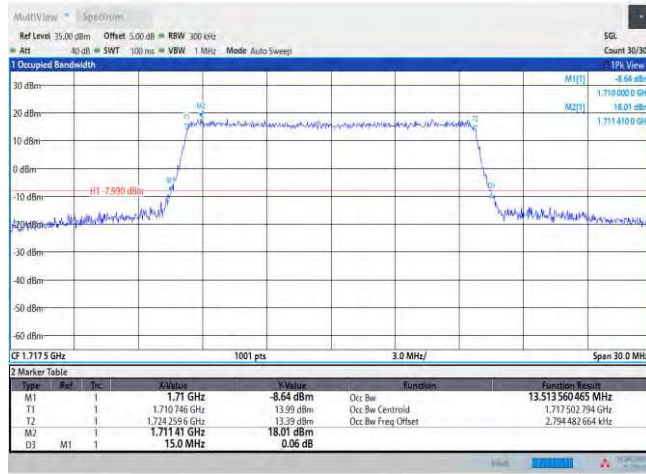


Band66-15MHz-QPSK-132597-75RB#0



11:56:17 20.04.2022

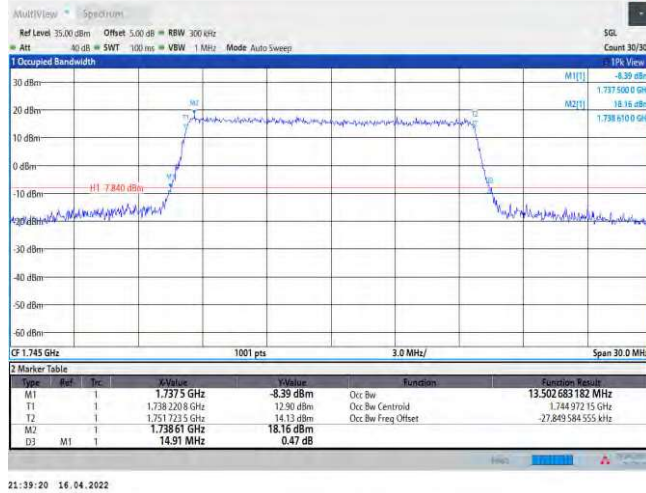
Band66-15MHz-16QAM-132047-75RB#0



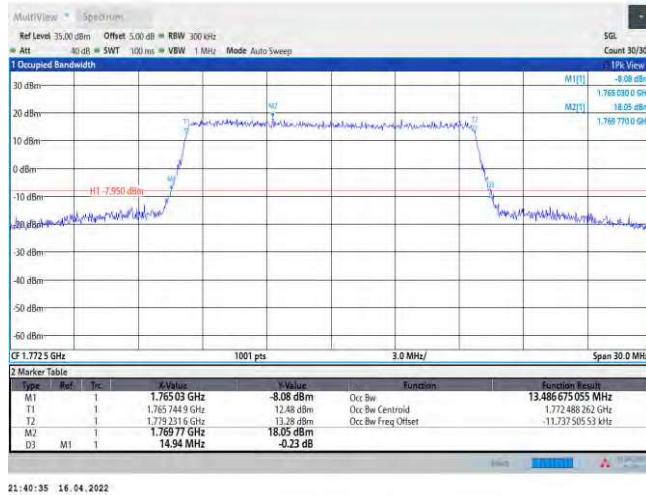
21:38:06 16.04.2022



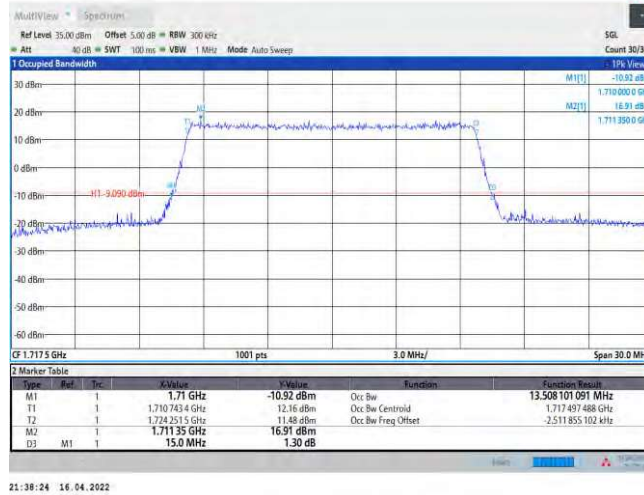
Band66-15MHz-16QAM-132322-75RB#0



Band66-15MHz-16QAM-132597-75RB#0

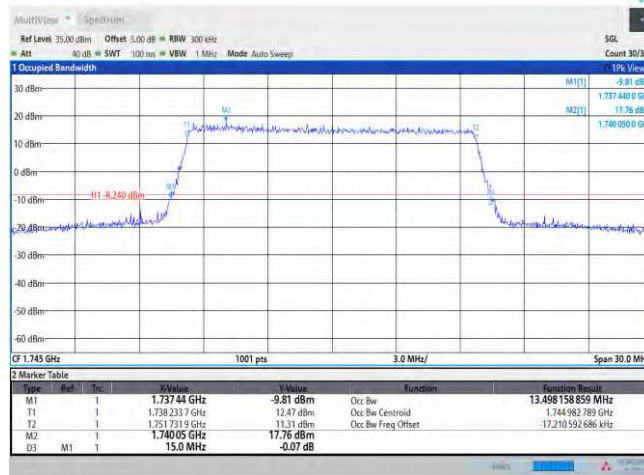


Band66-15MHz-64QAM-132047-75RB#0



21:38:24 16.04.2022

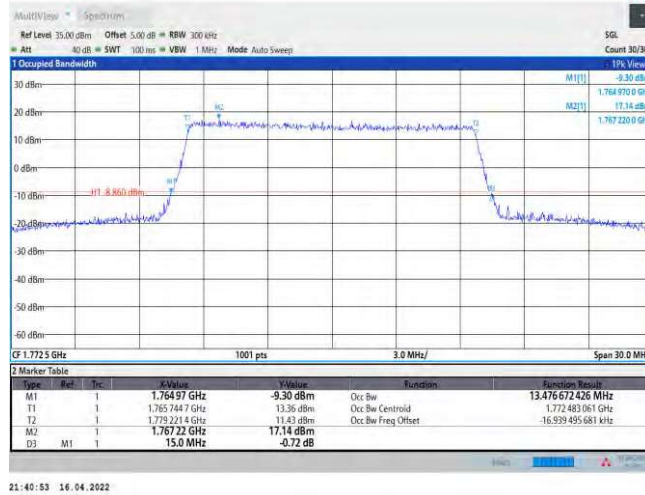
Band66-15MHz-64QAM-132322-75RB#0



21:39:39 16.04.2022



Band66-15MHz-64QAM-132597-75RB#0



21:40:53 16.04.2022

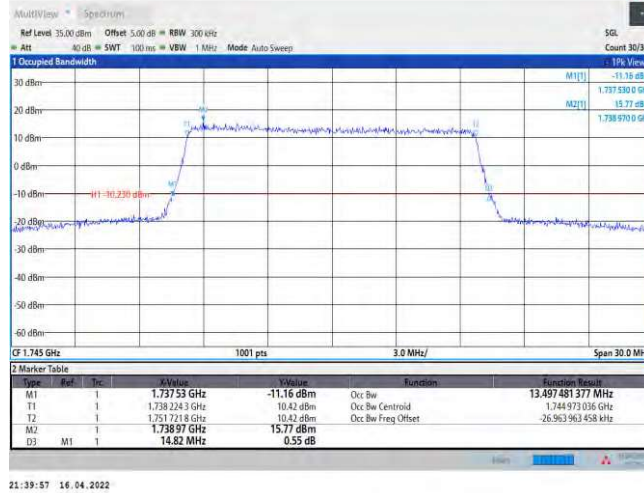
Band66-15MHz-256QAM-132047-75RB#0



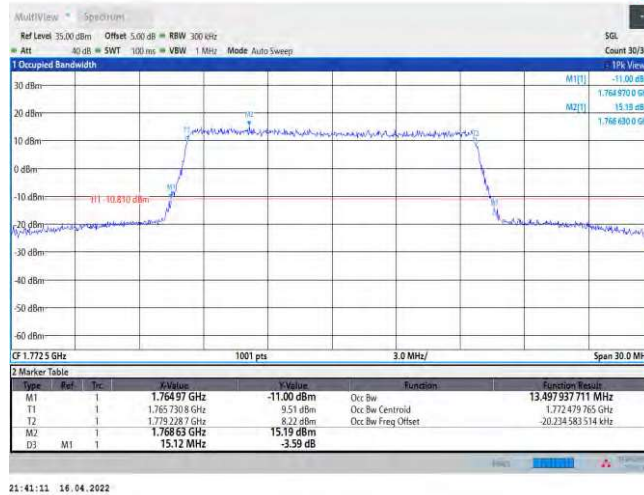
21:38:42 16.04.2022



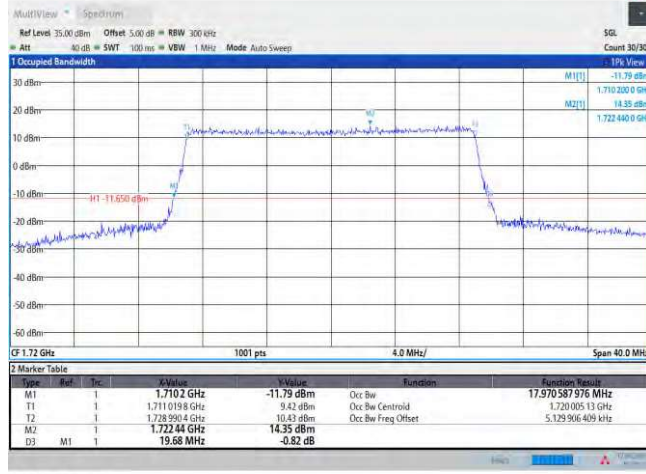
Band66-15MHz-256QAM-132322-75RB#0



Band66-15MHz-256QAM-132597-75RB#0

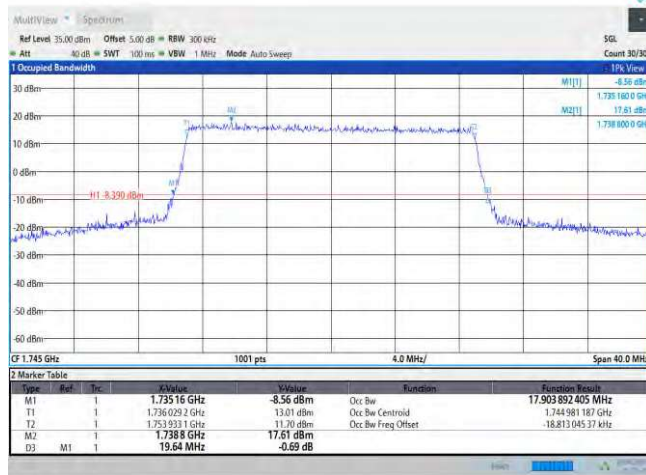


Band66-20MHz-QPSK-132072-100RB#0



11:18:15 17.04.2022

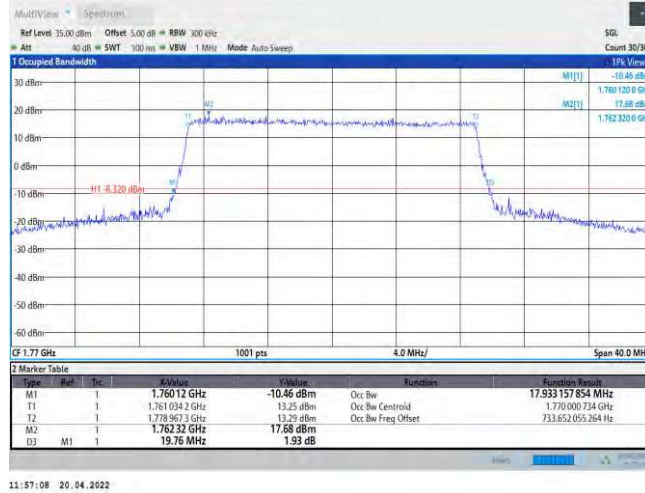
Band66-20MHz-QPSK-132322-100RB#0



11:16:50 20.04.2022

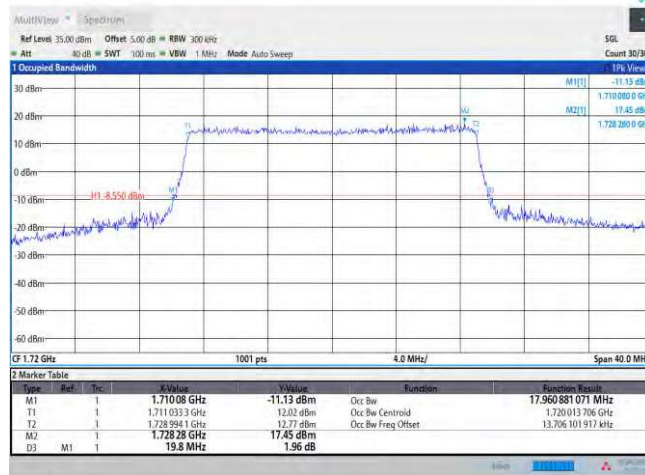


Band66-20MHz-QPSK-132572-100RB#0



11:57:08 20.04.2022

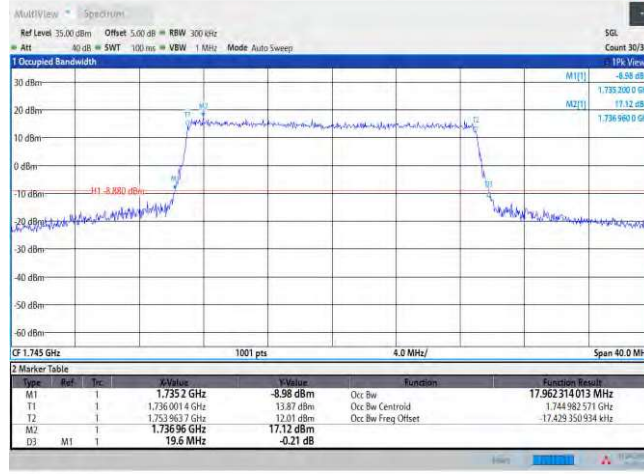
Band66-20MHz-16QAM-132072-100RB#0



21:42:03 16.04.2022

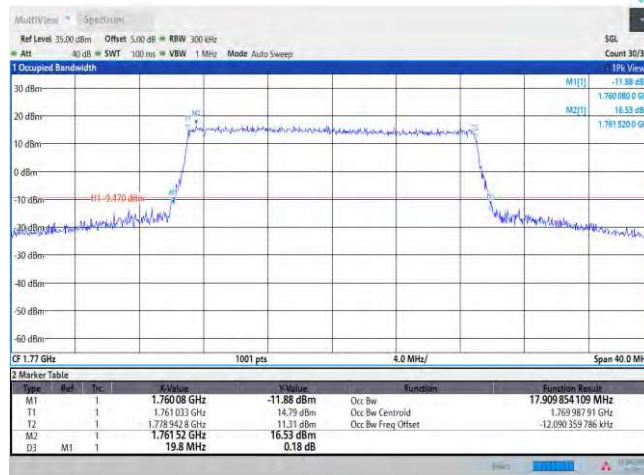


Band66-20MHz-16QAM-132322-100RB#0



21:43:17 16.04.2022

Band66-20MHz-16QAM-132572-100RB#0



21:44:32 16.04.2022



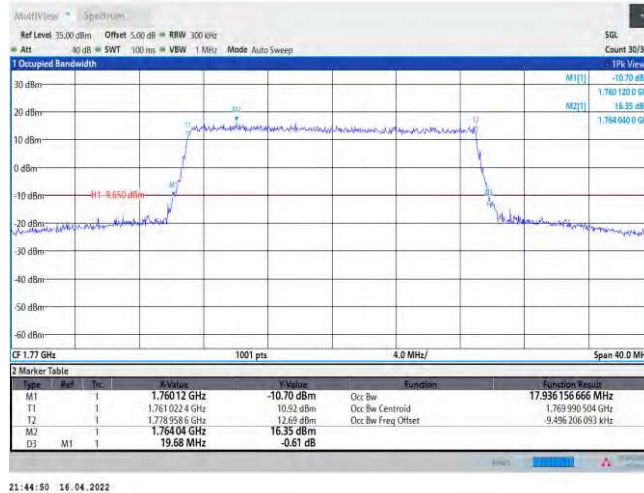
Band66-20MHz-64QAM-132072-100RB#0



Band66-20MHz-64QAM-132322-100RB#0

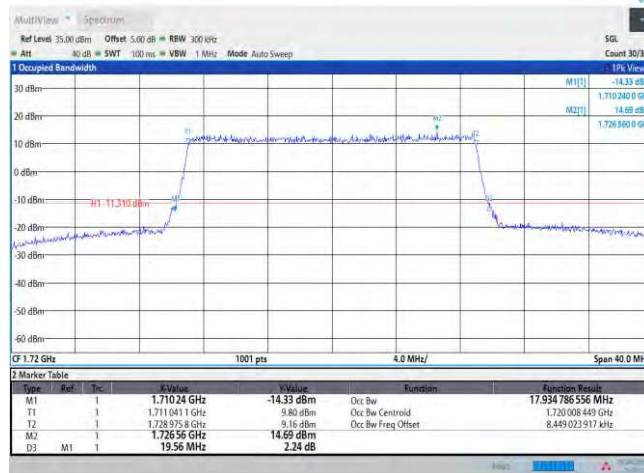


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21:44:50 16.04.2022

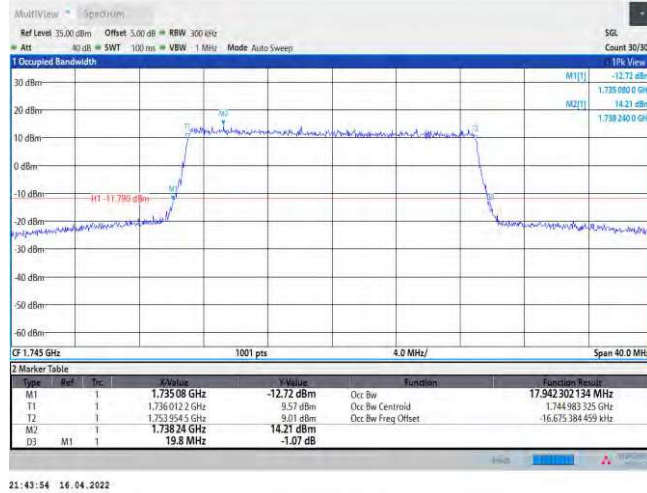
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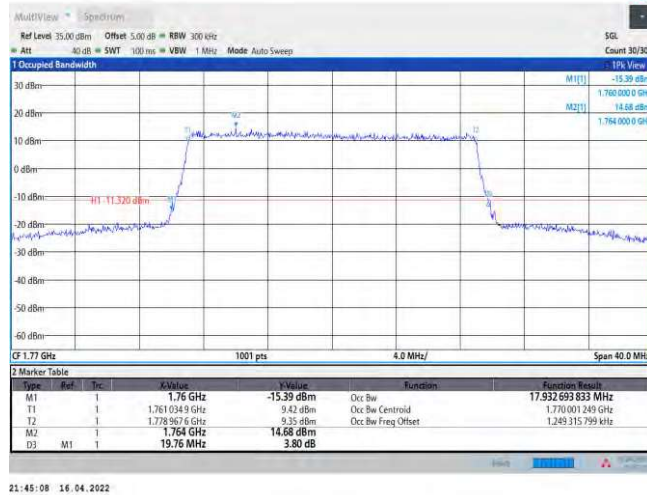
21:42:39 16.04.2022



Band66-20MHz-256QAM-132322-100RB#0



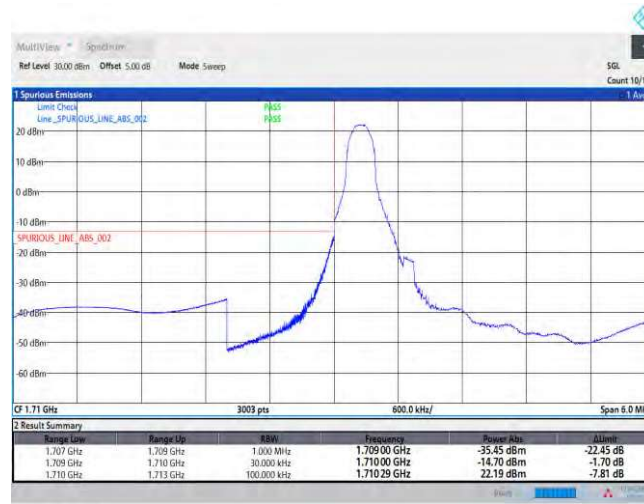
Band66-20MHz-256QAM-132572-100RB#0



Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



17:58:58 17.04.2022

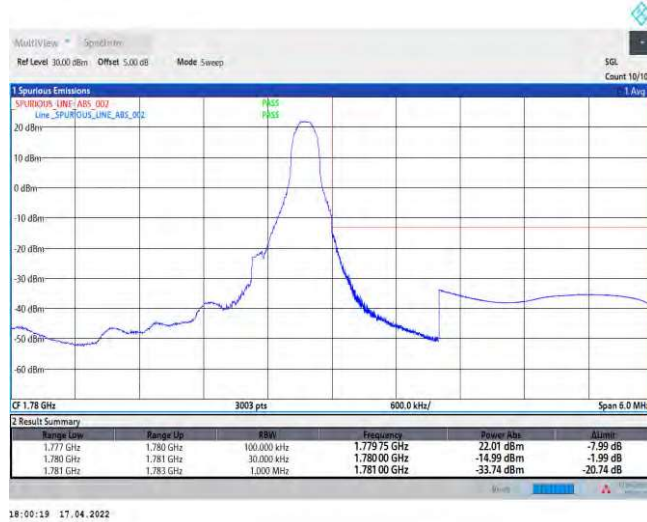
Band66-1.4MHz-QPSK-131979-6RB#0



17:59:28 17.04.2022

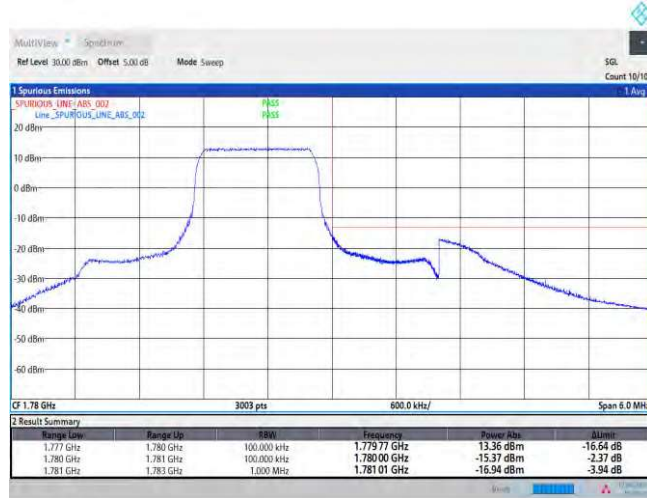


Band66-1.4MHz-QPSK-132665-1RB#5



18:00:19 17.04.2022

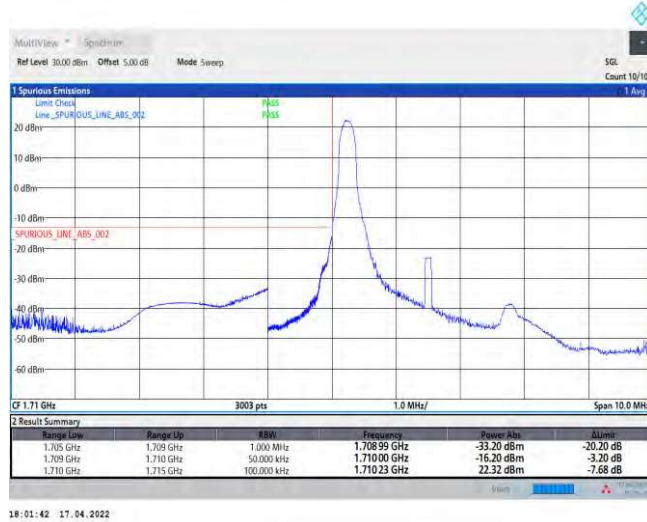
Band66-1.4MHz-QPSK-132665-6RB#0



18:00:49 17.04.2022

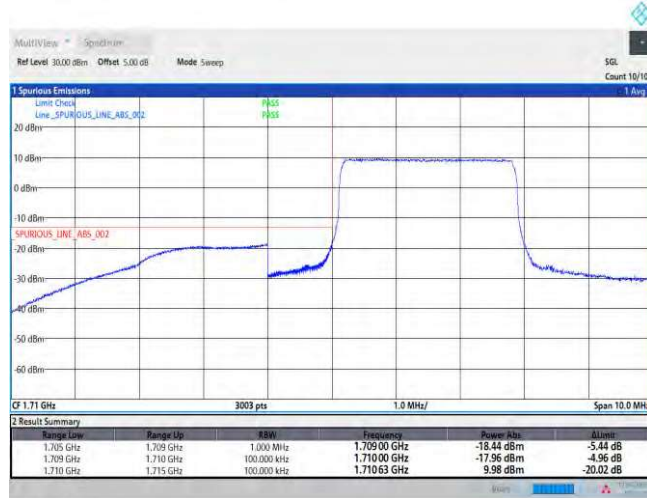


Band66-3MHz-QPSK-131987-1RB#0



18:01:42 17.04.2022

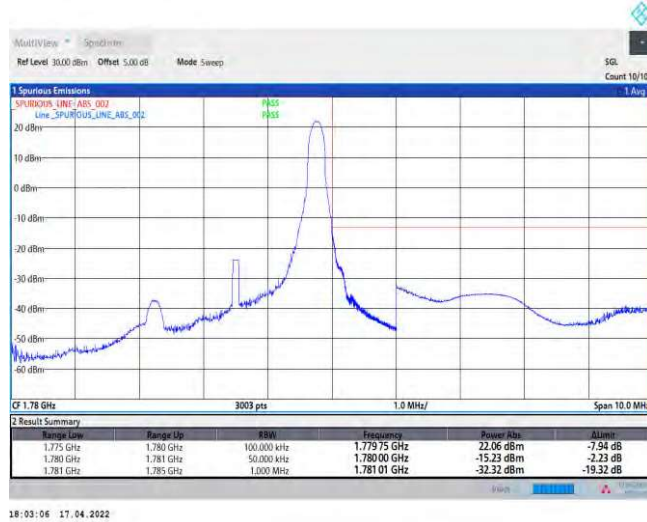
Band66-3MHz-QPSK-131987-15RB#0



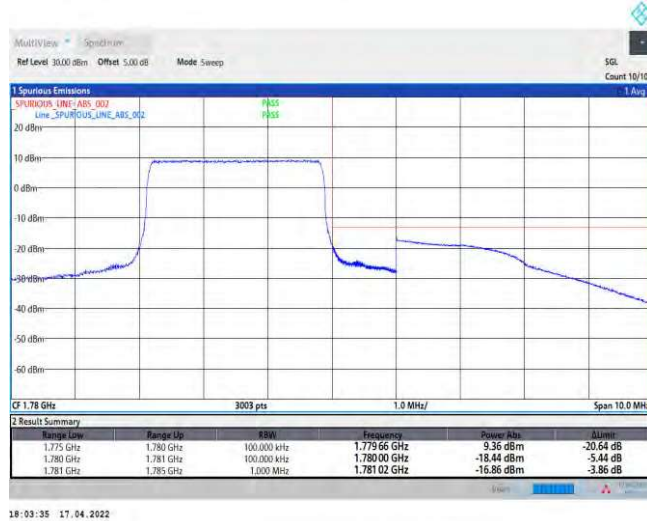
18:02:10 17.04.2022



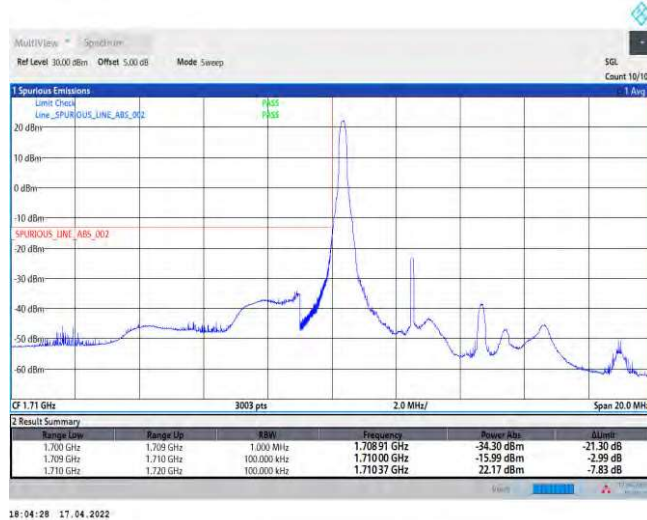
Band66-3MHz-QPSK-132657-1RB#14



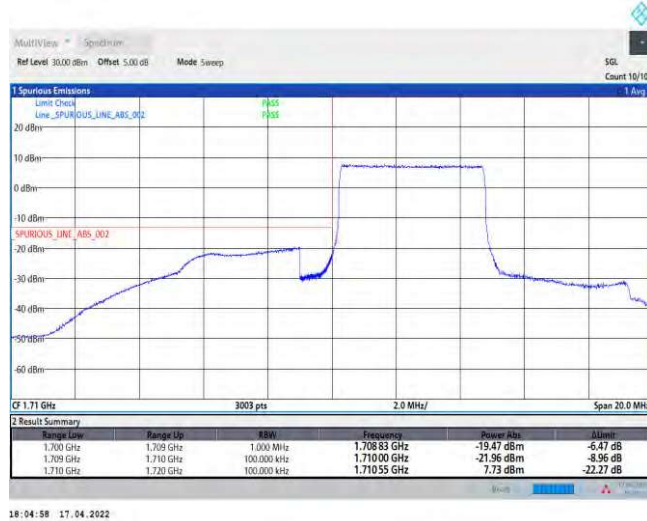
Band66-3MHz-QPSK-132657-15RB#0



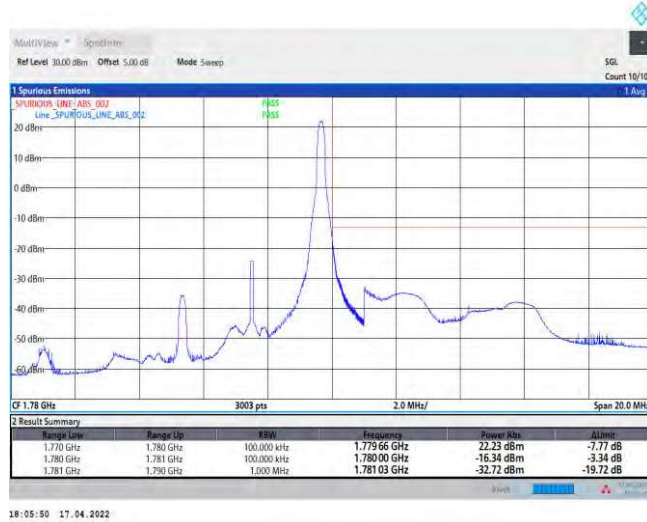
Band66-5MHz-QPSK-131997-1RB#0



Band66-5MHz-QPSK-131997-25RB#0

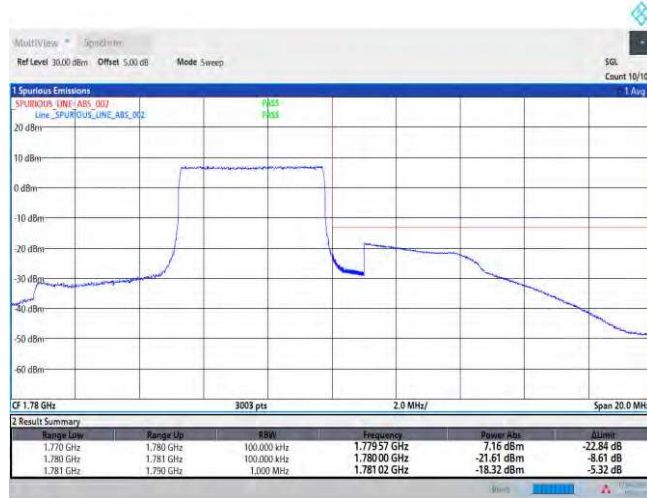


Band66-5MHz-QPSK-132647-1RB#24



18:05:50 17.04.2022

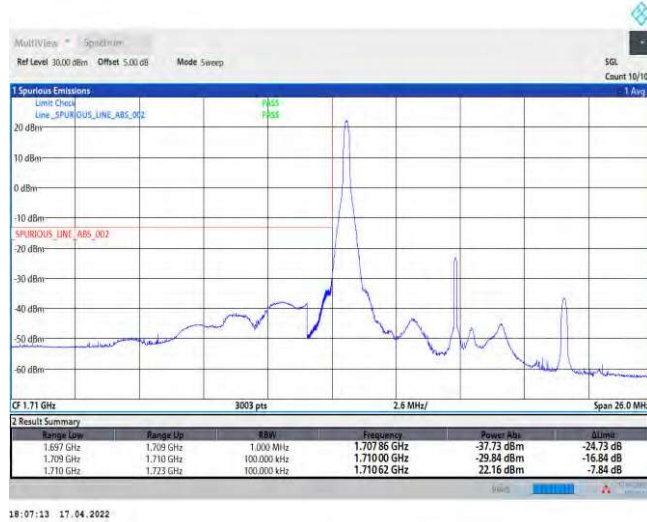
Band66-5MHz-QPSK-132647-25RB#0



18:06:19 17.04.2022



Band66-10MHz-QPSK-132022-1RB#0



18:07:13 17.04.2022

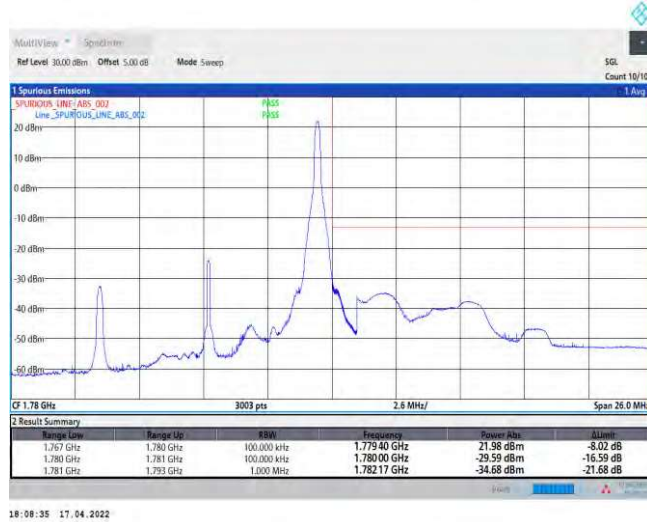
Band66-10MHz-QPSK-132022-50RB#0



18:07:42 17.04.2022



Band66-10MHz-QPSK-132622-1RB#49



18:08:35 17.04.2022

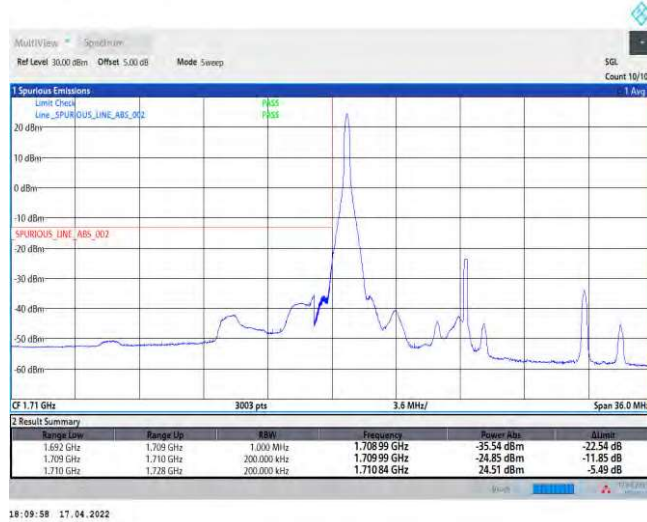
Band66-10MHz-QPSK-132622-50RB#0



18:09:05 17.04.2022



Band66-15MHz-QPSK-132047-1RB#0



18:09:58 17.04.2022

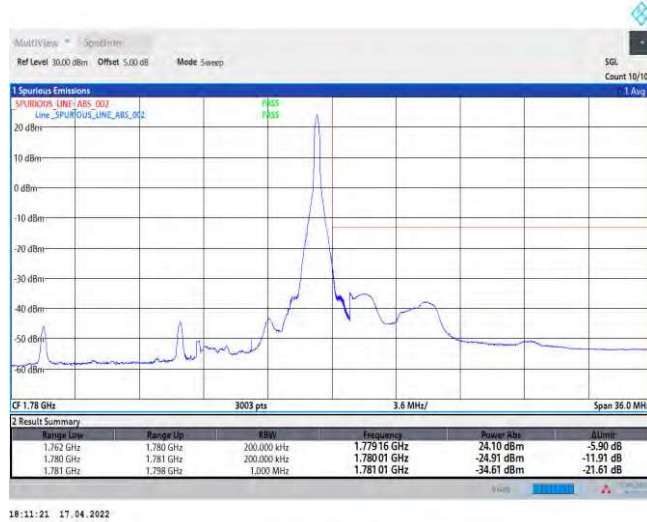
Band66-15MHz-QPSK-132047-75RB#0



18:10:27 17.04.2022



Band66-15MHz-QPSK-132597-1RB#74



18:11:21 17.04.2022

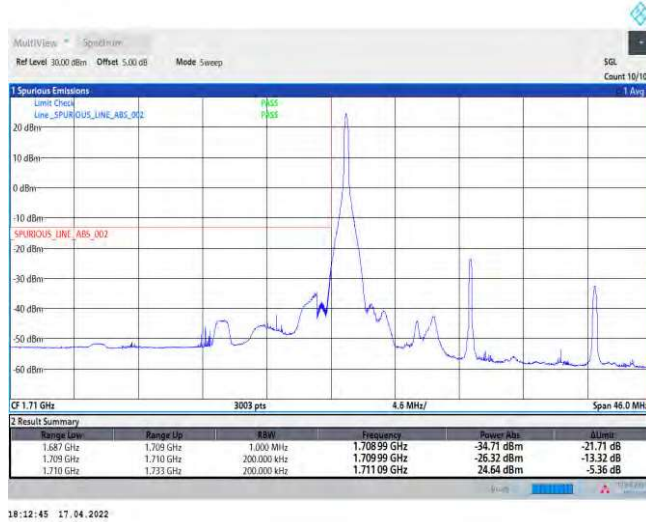
Band66-15MHz-QPSK-132597-75RB#0



18:11:50 17.04.2022



Band66-20MHz-QPSK-132072-1RB#0



18:12:45 17.04.2022

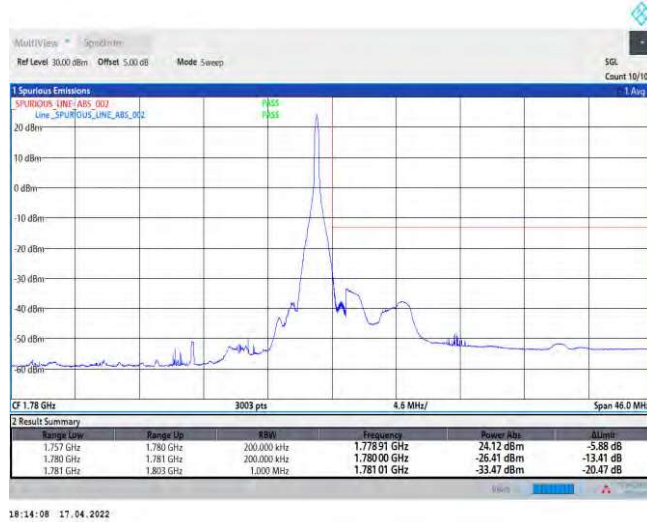
Band66-20MHz-QPSK-132072-100RB#0



18:13:15 17.04.2022



Band66-20MHz-QPSK-132572-1RB#99



18:14:08 17.04.2022

Band66-20MHz-QPSK-132572-100RB#0



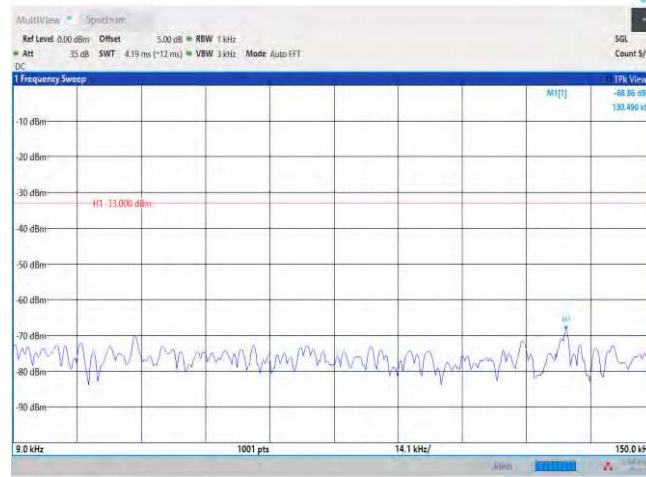
18:14:38 17.04.2022



Conducted Spurious Emission

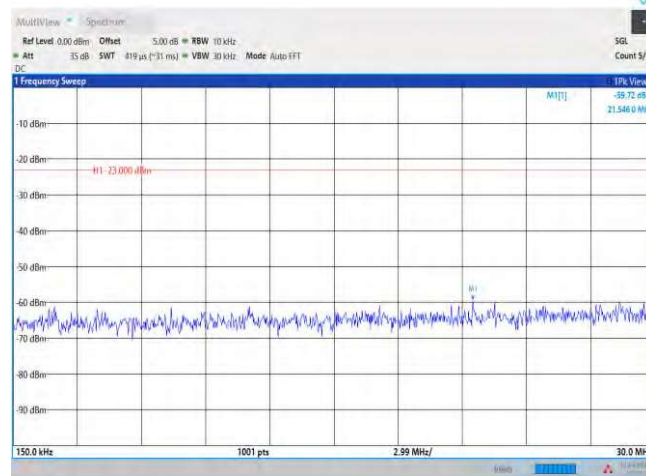
Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



12:31:14 17.04.2022

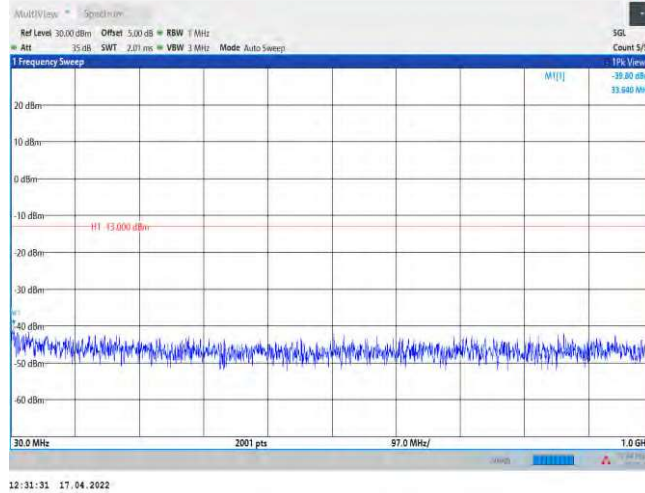
Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



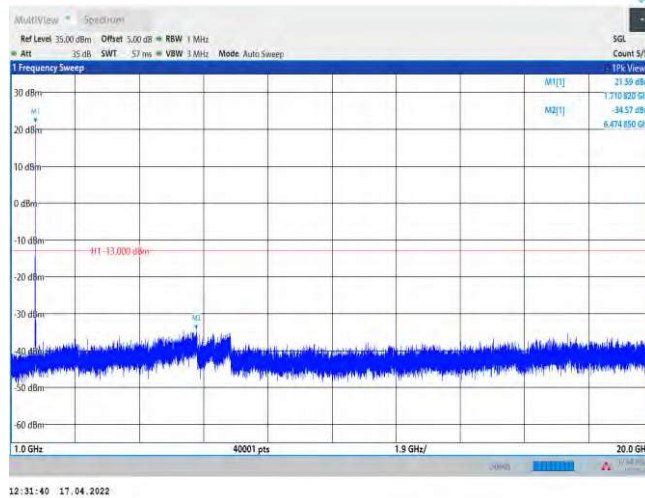
12:31:23 17.04.2022



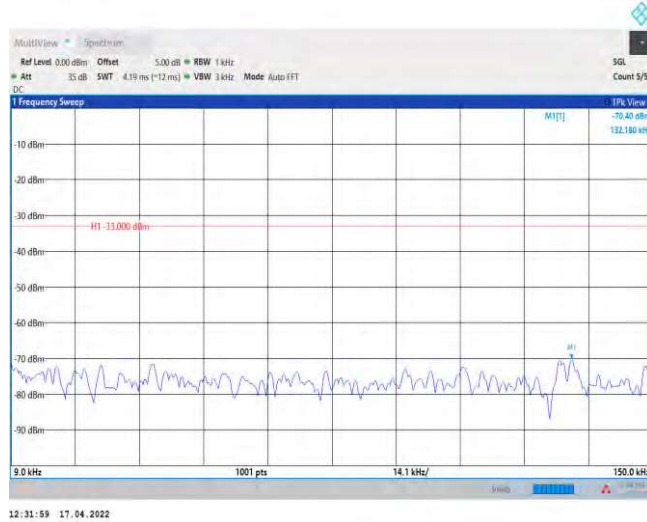
Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



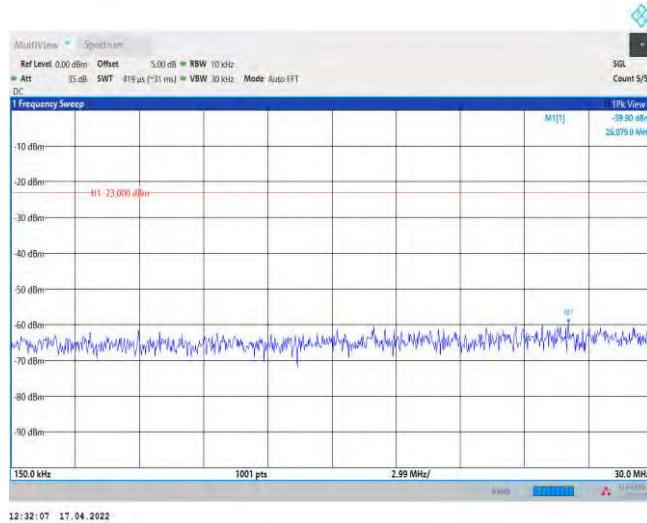
Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



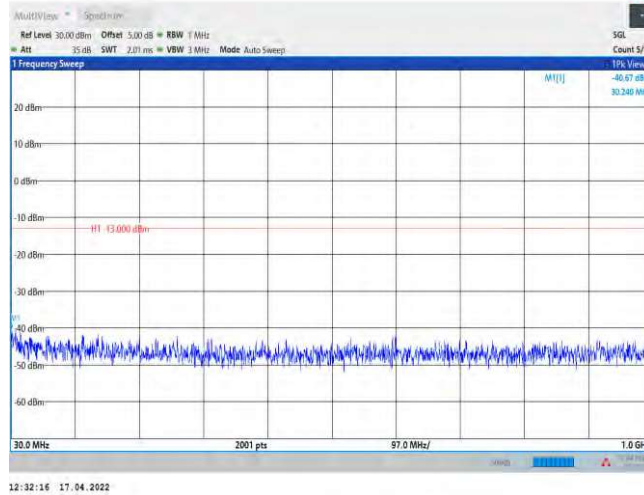
Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



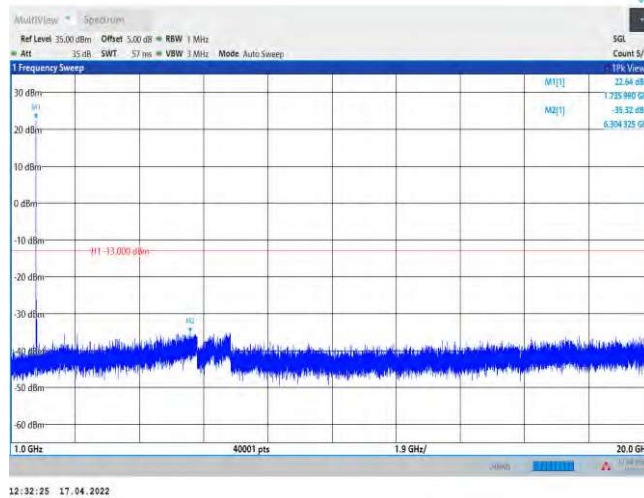
Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



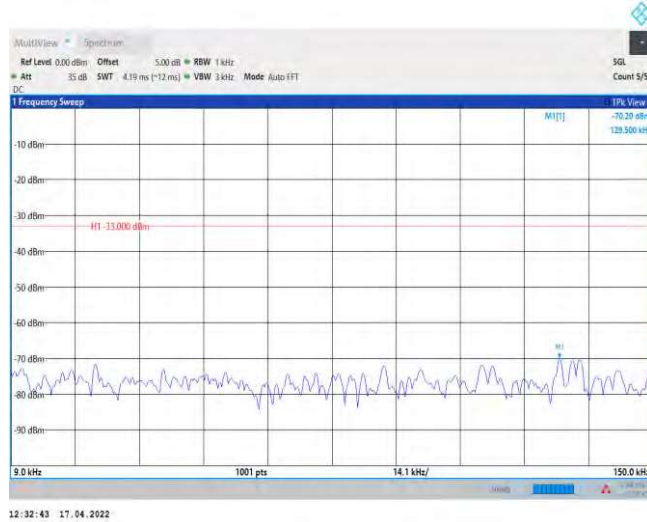
Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



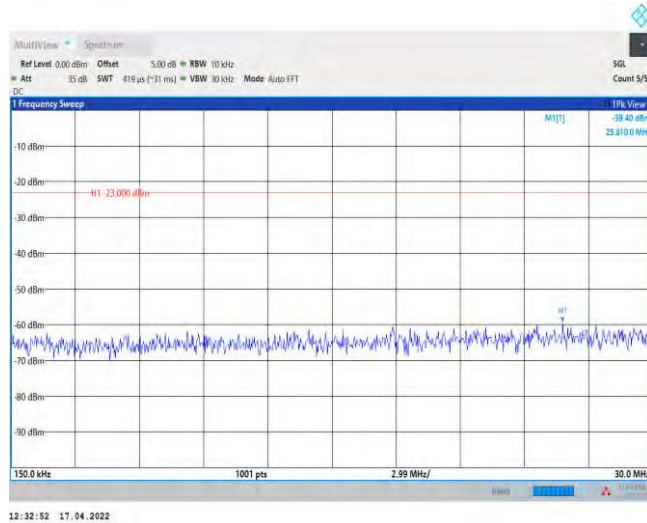
Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



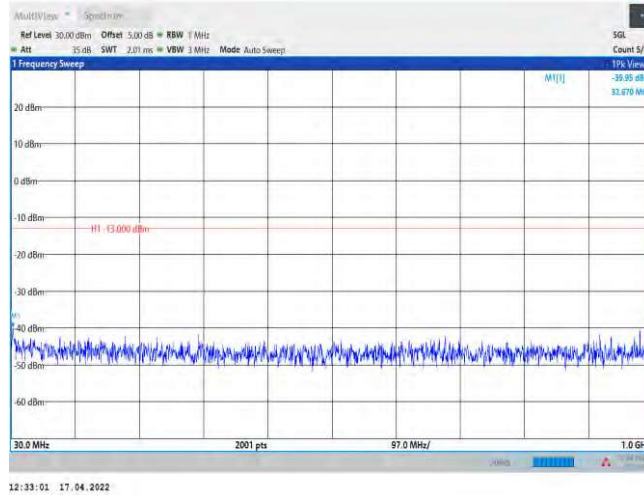
Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



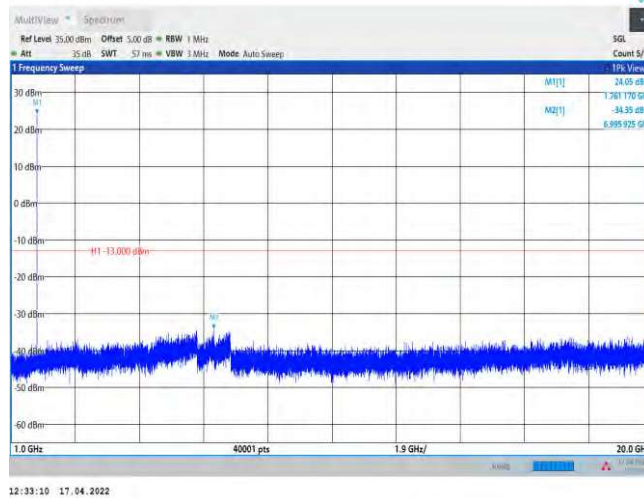
Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz





Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.75	-46.28	29.43	-69.36	-13.00	56.36	211	25	Horizontal
2	5106.2700	40.88	-45.36	32.94	-66.81	-13.00	53.81	132	252	Horizontal
3	6808.3600	40.36	-44.16	35.85	-63.21	-13.00	50.21	154	283	Horizontal
4	8510.4500	38.23	-41.59	37.56	-61.06	-13.00	48.06	148	207	Horizontal
5	10212.540	34.24	-39.45	38.81	-61.65	-13.00	48.65	197	60	Horizontal
6	11914.630	31.33	-37.18	38.88	-62.23	-13.00	49.23	183	29	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.76	-46.28	29.43	-69.35	-13.00	56.35	233	357	Vertical
2	5106.2700	41.32	-45.36	32.94	-66.37	-13.00	53.37	215	359	Vertical
3	6808.3600	41.00	-44.16	35.85	-62.57	-13.00	49.57	145	352	Vertical
4	8510.4500	37.85	-41.59	37.56	-61.44	-13.00	48.44	196	4	Vertical
5	10212.540	34.33	-39.45	38.81	-61.56	-13.00	48.56	258	59	Vertical
6	11914.630	31.22	-37.18	38.88	-62.34	-13.00	49.34	142	210	Vertical





Test Band = LTE Band 66_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.70	-46.27	29.48	-69.35	-13.00	56.35	222	359	Horizontal
2	5181.2700	41.22	-45.30	32.98	-66.36	-13.00	53.36	302	350	Horizontal
3	6908.3600	40.39	-44.05	35.97	-62.95	-13.00	49.95	159	296	Horizontal
4	8635.4500	37.85	-41.46	37.81	-61.06	-13.00	48.06	192	29	Horizontal
5	10362.540	34.42	-39.04	38.85	-61.03	-13.00	48.03	184	43	Horizontal
6	12089.630	32.45	-37.37	39.04	-61.14	-13.00	48.14	170	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.47	-46.27	29.48	-69.58	-13.00	56.58	298	104	Vertical
2	5181.2700	40.68	-45.30	32.98	-66.90	-13.00	53.90	122	313	Vertical
3	6908.3600	39.31	-44.05	35.97	-64.03	-13.00	51.03	263	29	Vertical
4	8635.4500	37.41	-41.46	37.81	-61.50	-13.00	48.50	210	60	Vertical
5	10362.540	33.99	-39.04	38.85	-61.46	-13.00	48.46	140	330	Vertical
6	12089.630	31.23	-37.37	39.04	-62.36	-13.00	49.36	172	283	Vertical





Report No.: SEWA2304000052RG01

Rev.: 01

Page: 80 of 81

Test Band = LTE Band 66_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504,1800	43.24	-46.25	29.52	-68.75	-13.00	55.75	263	4	Horizontal
2	5256,2700	41.16	-45.17	32.94	-66.34	-13.00	53.34	215	329	Horizontal
3	7008,3600	40.21	-43.61	36.10	-62.56	-13.00	49.56	148	360	Horizontal
4	8760,4500	37.37	-41.42	38.02	-61.30	-13.00	48.30	188	329	Horizontal
5	10512,540	34.28	-38.76	38.97	-60.77	-13.00	47.77	192	4	Horizontal
6	12262,630	32.68	-37.44	39.11	-60.91	-13.00	47.91	200	222	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504,1800	42.64	-46.25	29.52	-69.35	-13.00	56.35	245	88	Vertical
2	5256,2700	41.49	-45.17	32.94	-66.01	-13.00	53.01	133	344	Vertical
3	7008,3600	40.60	-43.61	36.10	-62.17	-13.00	49.17	261	134	Vertical
4	8760,4500	37.81	-41.42	38.02	-60.86	-13.00	47.86	100	286	Vertical
5	10512,540	34.05	-38.76	38.97	-61.00	-13.00	48.00	184	74	Vertical
6	12262,630	31.49	-37.44	39.11	-62.10	-13.00	49.10	199	120	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.40	-0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-0.70	-0.000401	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.30	-0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.70	0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-1.80	-0.001032	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-0.70	-0.000401	PASS

The End

