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Appendix B.6

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.33	25.33	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.49	25.49	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.62	25.62	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.60	24.60	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.72	24.72	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.74	24.74	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.83	24.83	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.89	23.89	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.02	25.02	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.04	25.04	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.12	25.12	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.16	24.16	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.62	24.62	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.67	24.67	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.92	24.92	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.65	23.65	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.06	24.06	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.13	24.13	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.13	24.13	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.05	23.05	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.26	24.26	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.48	24.48	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.39	24.39	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.25	23.25	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.28	25.28	30.00	PASS



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Band66	3MHz	QPSK	131987	1RB#8	23.71	25.71	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.72	25.72	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.71	24.71	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.70	24.70	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.81	24.81	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.78	24.78	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.87	23.87	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.90	24.90	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.03	25.03	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.07	25.07	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.03	24.03	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.60	24.60	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.92	24.92	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.99	24.99	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.67	23.67	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.08	24.08	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.18	24.18	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.01	24.01	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.96	22.96	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.14	24.14	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.23	24.23	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.30	24.30	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.15	23.15	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.46	25.46	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.74	25.74	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.81	25.81	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.70	24.70	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.77	24.77	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.81	24.81	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.94	24.94	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.85	23.85	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.94	24.94	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.00	25.00	30.00	PASS



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Band66	5MHz	QPSK	132647	1RB#24	23.12	25.12	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.96	23.96	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.71	24.71	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.03	25.03	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.12	25.12	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.73	23.73	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.98	23.98	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.17	24.17	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.20	24.20	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.92	22.92	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.31	24.31	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.27	24.27	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.45	24.45	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.08	23.08	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.38	25.38	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.59	25.59	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.67	25.67	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.60	24.60	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.50	24.50	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.76	24.76	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.00	25.00	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.68	23.68	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.85	24.85	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.84	24.84	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.04	25.04	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.72	23.72	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.23	24.23	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.75	24.75	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.79	24.79	30.00	PASS
Band66	10MHz	16QAM	132022	27RB#0	21.36	23.36	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.83	23.83	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.99	23.99	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.19	24.19	30.00	PASS



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Band66	10MHz	16QAM	132322	27RB#0	20.53	22.53	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.06	24.06	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.01	24.01	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.23	24.23	30.00	PASS
Band66	10MHz	16QAM	132622	27RB#0	20.83	22.83	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.37	25.37	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.76	25.76	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.48	25.48	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.54	24.54	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.51	24.51	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.83	24.83	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.19	25.19	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.84	23.84	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.26	25.26	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.00	25.00	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.12	25.12	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.89	23.89	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.38	24.38	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.81	24.81	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.59	24.59	30.00	PASS
Band66	15MHz	16QAM	132047	27RB#0	21.48	23.48	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.75	23.75	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.80	23.80	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.22	24.22	30.00	PASS
Band66	15MHz	16QAM	132322	27RB#0	20.53	22.53	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.83	23.83	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.94	23.94	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.98	23.98	30.00	PASS
Band66	15MHz	16QAM	132597	27RB#0	21.09	23.09	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.22	25.22	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.63	25.63	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.87	24.87	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.09	24.09	30.00	PASS



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Band66	20MHz	QPSK	132322	1RB#0	22.36	24.36	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.77	24.77	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.17	25.17	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.87	23.87	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.33	25.33	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.09	25.09	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.87	24.87	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.88	23.88	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.23	24.23	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.64	24.64	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.94	23.94	30.00	PASS
Band66	20MHz	16QAM	132072	27RB#0	21.28	23.28	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.63	23.63	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.71	23.71	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.09	24.09	30.00	PASS
Band66	20MHz	16QAM	132322	27RB#0	20.26	22.26	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.81	23.81	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.98	23.98	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.90	23.90	30.00	PASS
Band66	20MHz	16QAM	132572	27RB#0	21.20	23.20	30.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

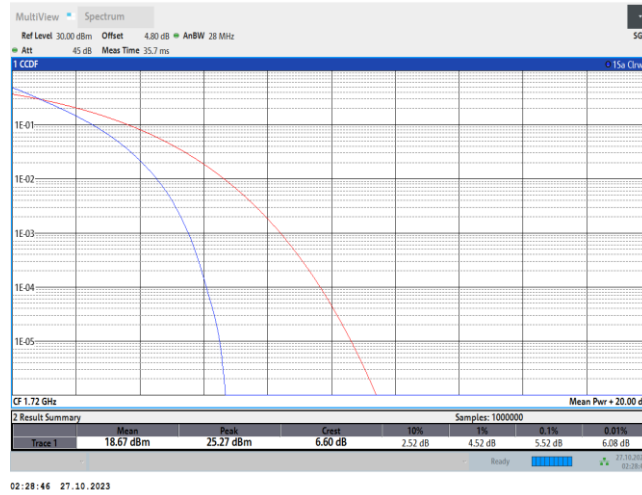
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.52	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.64	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.44	13	PASS
Band66	20MHz	16QAM	132072	27RB#0	6.50	13	PASS
Band66	20MHz	16QAM	132322	27RB#0	6.00	13	PASS
Band66	20MHz	16QAM	132572	27RB#0	6.34	13	PASS



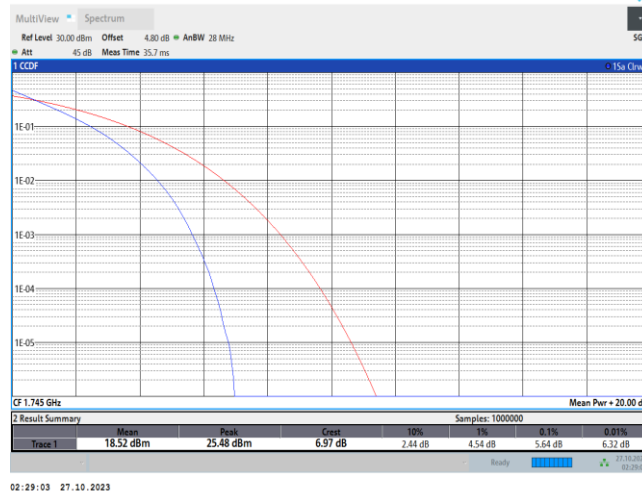
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Test Graphs

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



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

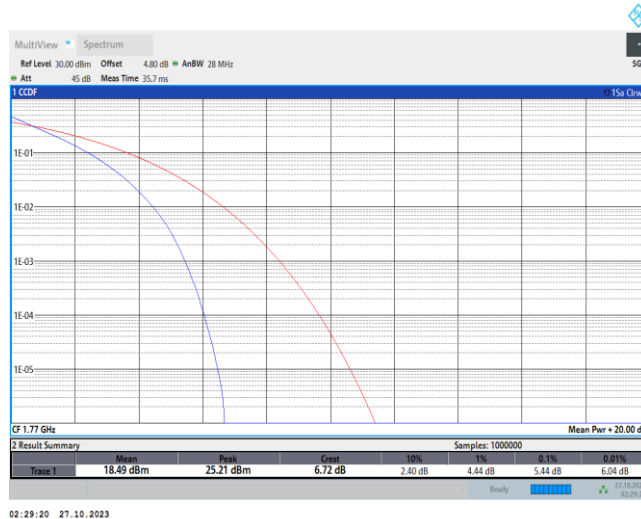


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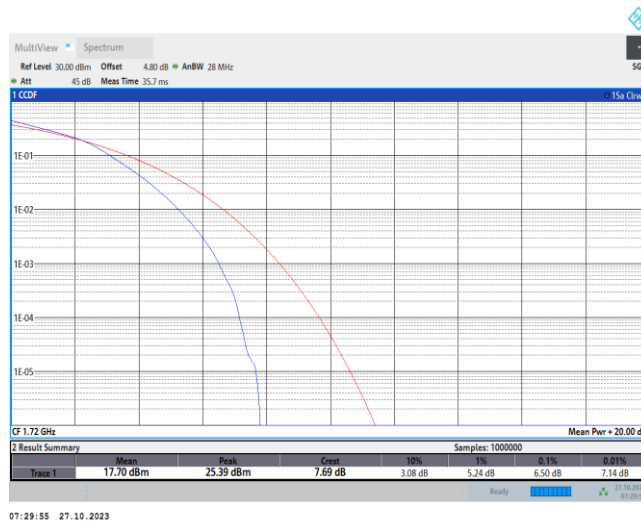
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Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-27RB#0

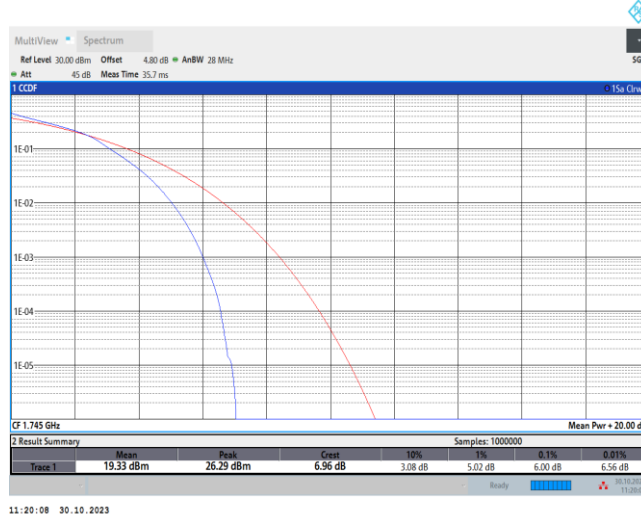


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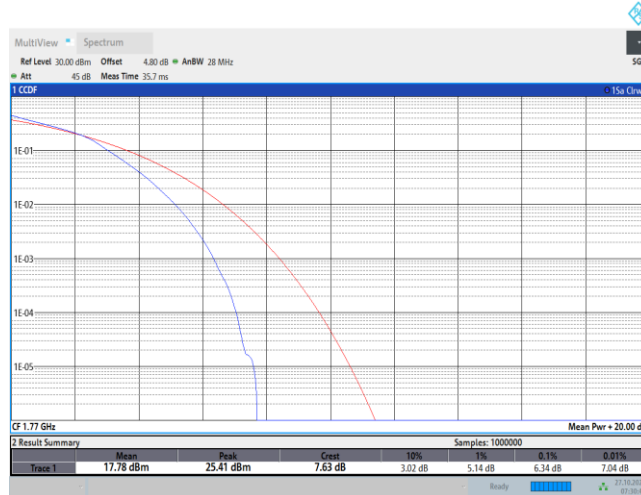
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Band66-20MHz-16QAM-132322-27RB#0



11:20:08 30.10.2023

Band66-20MHz-16QAM-132572-27RB#0



07:30:48 27.10.2023



26dB Bandwidth and Occupied Bandwidth

Test Result

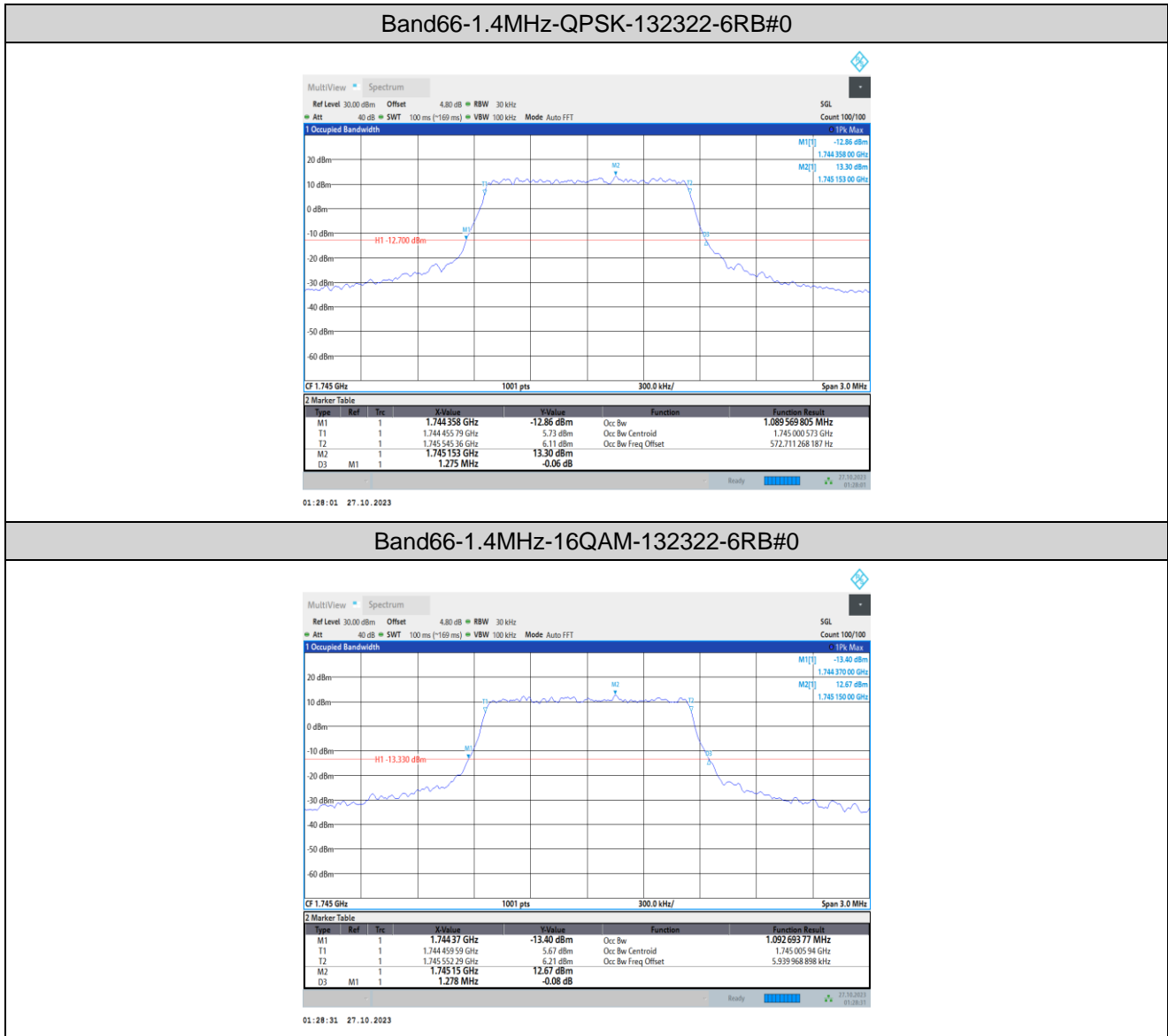
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	132322	6RB#0	1.09	1.28	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.093	1.28	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.695	2.95	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.94	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.466	4.84	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.462	4.87	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.927	9.62	PASS
Band66	10MHz	16QAM	132322	27RB#0	4.869	5.48	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.476	14.61	PASS
Band66	15MHz	16QAM	132322	27RB#0	5.058	5.94	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.925	19.16	PASS
Band66	20MHz	16QAM	132322	27RB#0	5.1	6.00	PASS



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Test Graphs

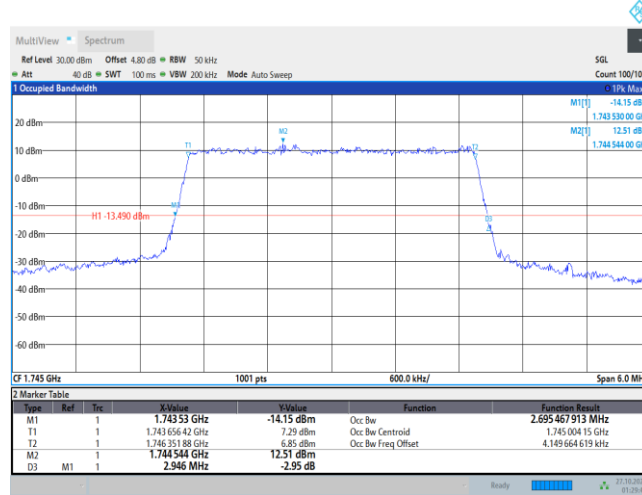


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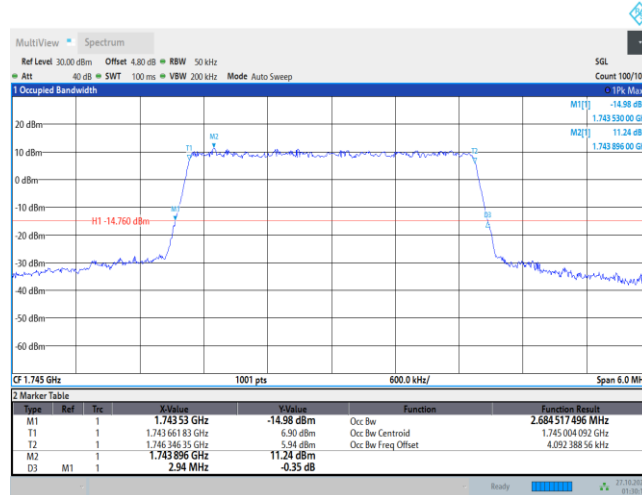
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Band66-3MHz-QPSK-132322-15RB#0



01:29:45 27.10.2023

Band66-3MHz-16QAM-132322-15RB#0



01:30:11 27.10.2023



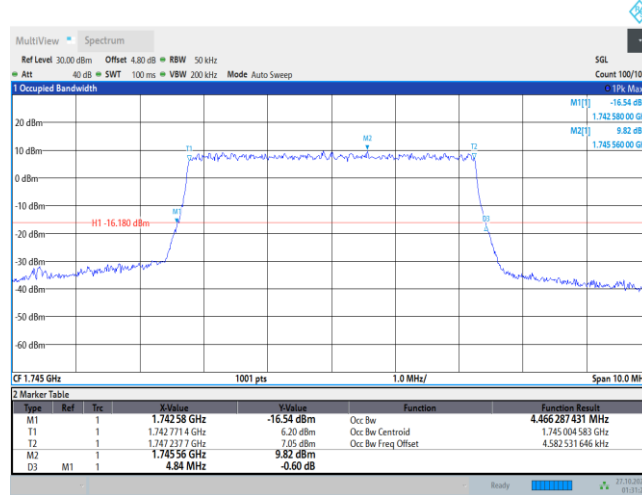
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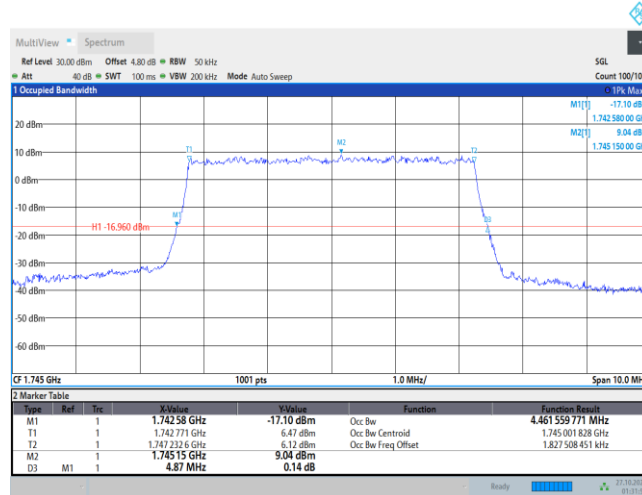
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Band66-5MHz-QPSK-132322-25RB#0



01:31:24 27.10.2023

Band66-5MHz-16QAM-132322-25RB#0



01:31:50 27.10.2023



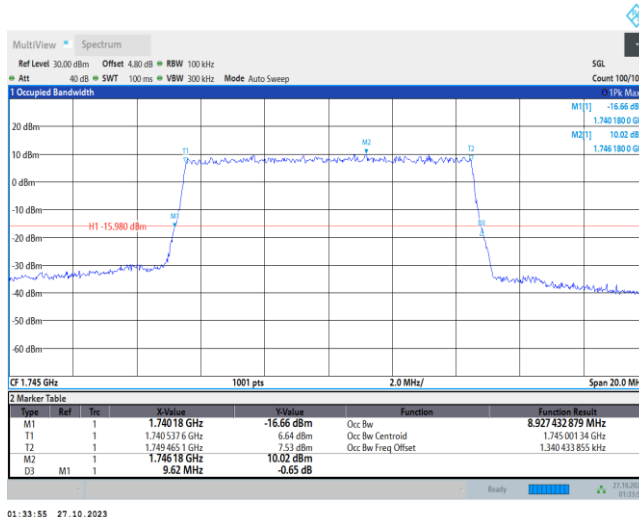
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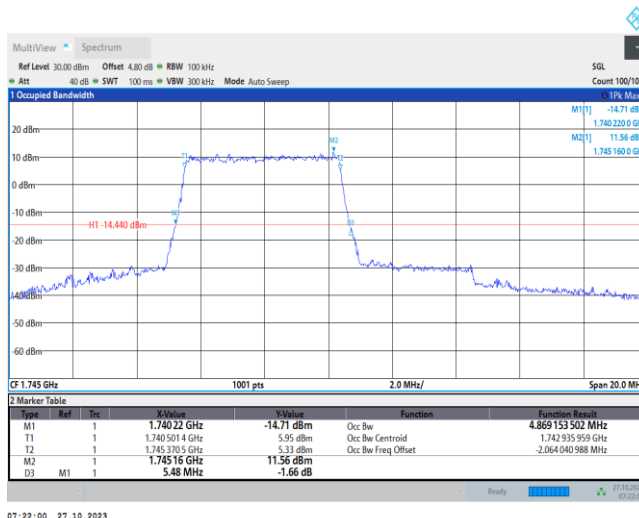
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Band66-10MHz-QPSK-132322-50RB#0



01:33:55 27.10.2023

Band66-10MHz-16QAM-132322-27RB#0



07:22:00 27.10.2023

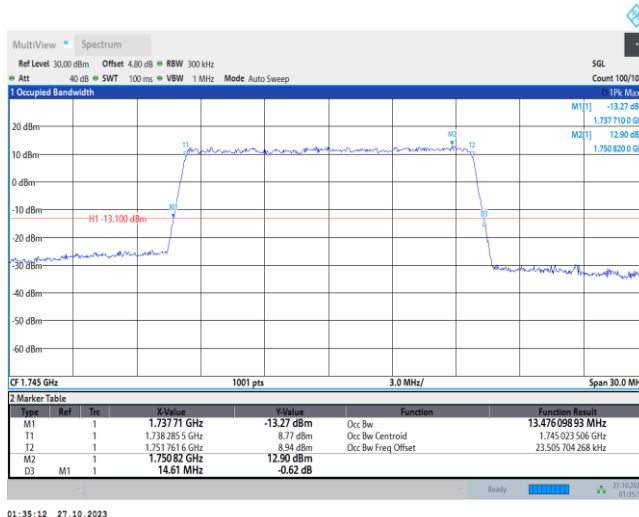


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Band66-15MHz-QPSK-132322-75RB#0



01:35:12 27.10.2023

Band66-15MHz-16QAM-132322-27RB#0



07:27:13 27.10.2023

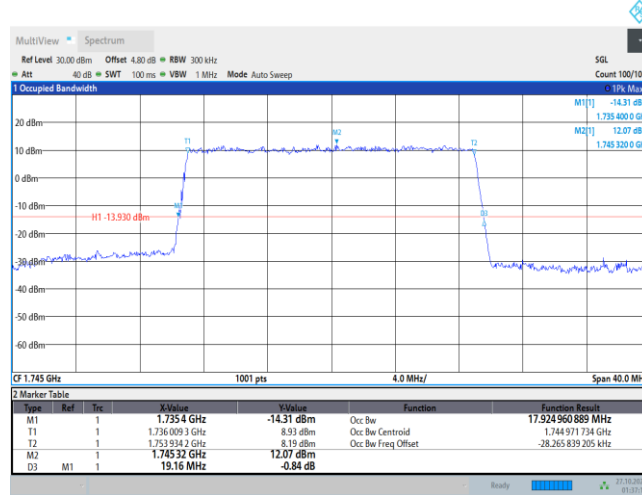


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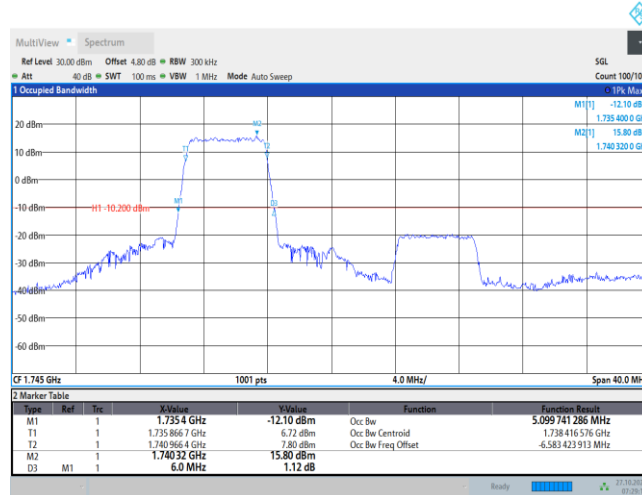
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Band66-20MHz-QPSK-132322-100RB#0



01:37:17 27.10.2023

Band66-20MHz-16QAM-132322-27RB#0



07:29:20 27.10.2023



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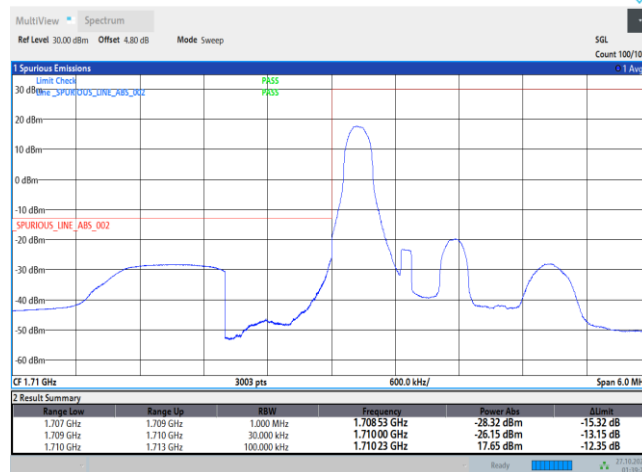
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Band Edge

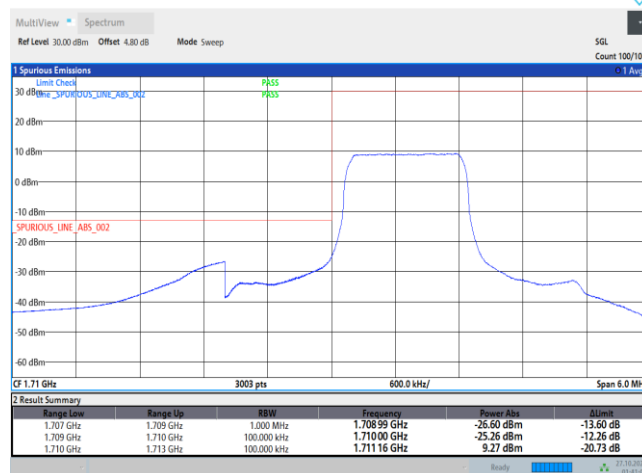
Test Graphs

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



01:39:24 27.10.2023

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



01:41:08 27.10.2023



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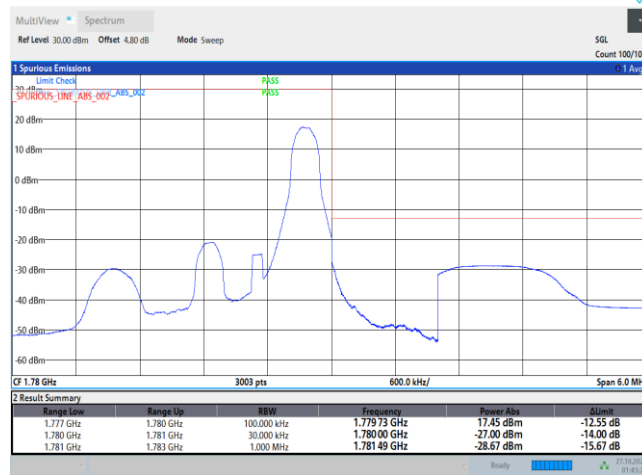
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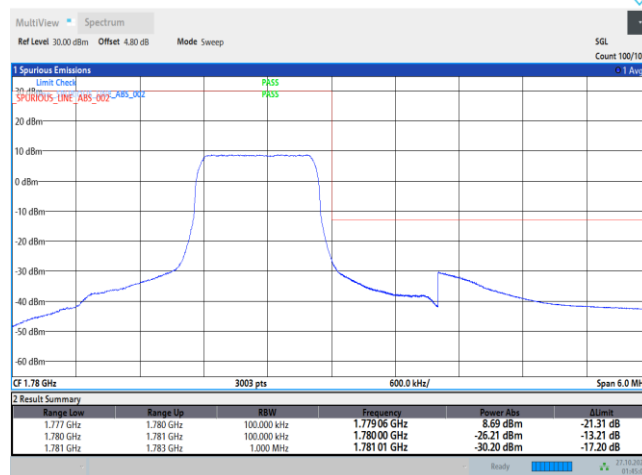
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Band66-1.4MHz-QPSK-132665-1RB#5



01:43:21 27.10.2023

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



01:45:05 27.10.2023

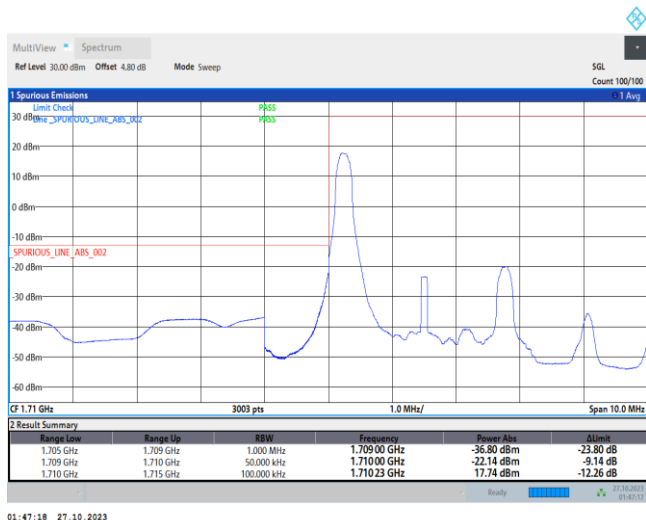


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Band66-3MHz-QPSK-131987-1RB#0



01:47:18 27.10.2023

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



01:49:01 27.10.2023

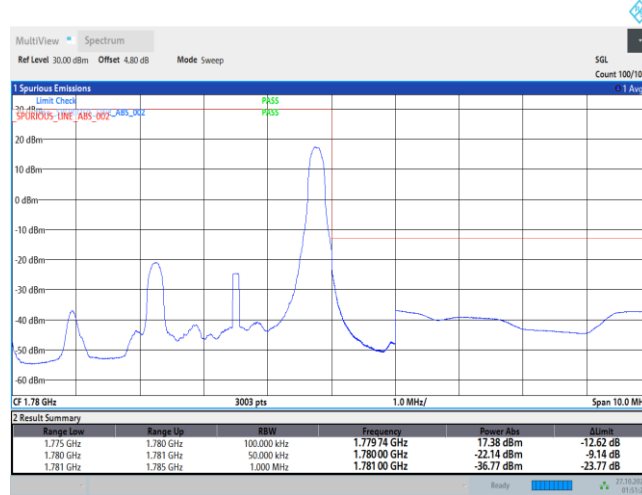


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Band66-3MHz-QPSK-132657-1RB#14



01:51:26 27.10.2023

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



01:53:10 27.10.2023

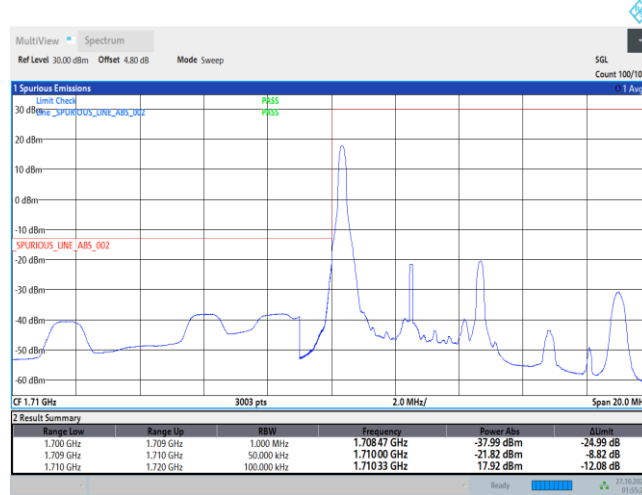


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Band66-5MHz-QPSK-131997-1RB#0



01:55:21 27.10.2023

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



01:57:05 27.10.2023



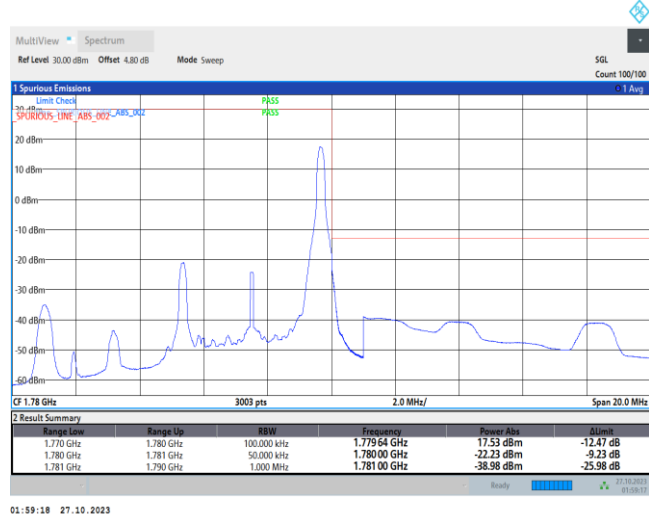
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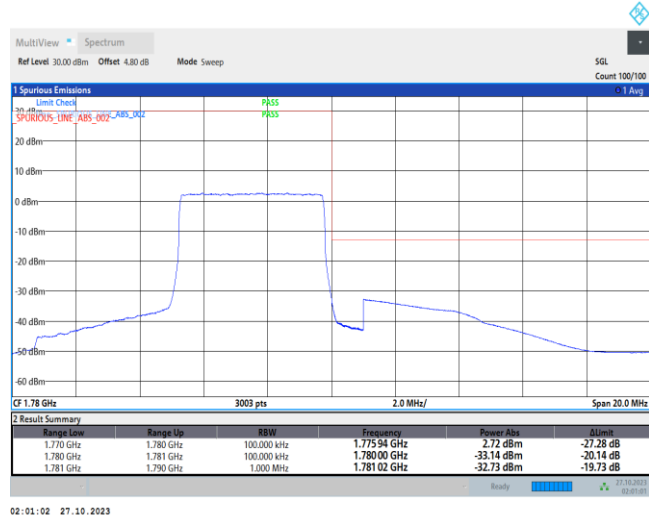
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Band66-5MHz-QPSK-132647-1RB#24



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

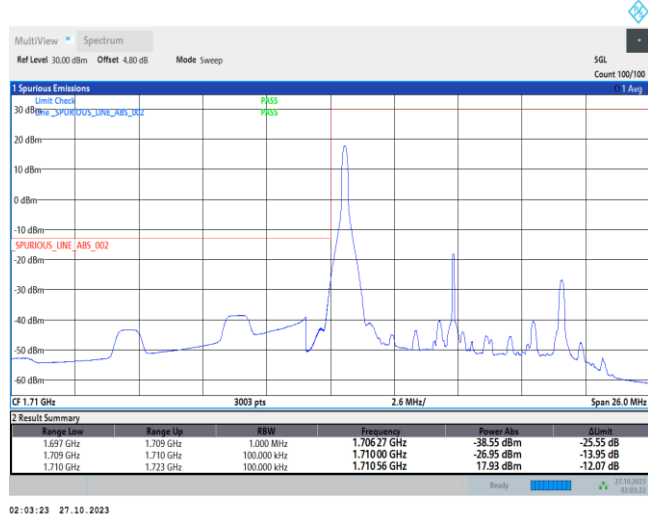


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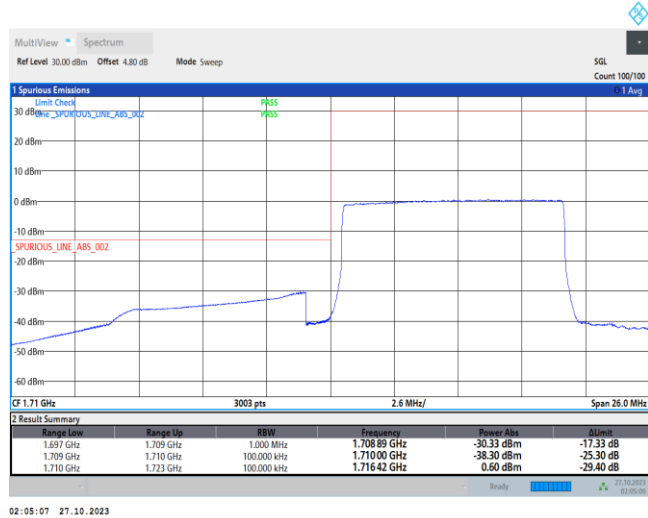
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Band66-10MHz-QPSK-132022-1RB#0



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

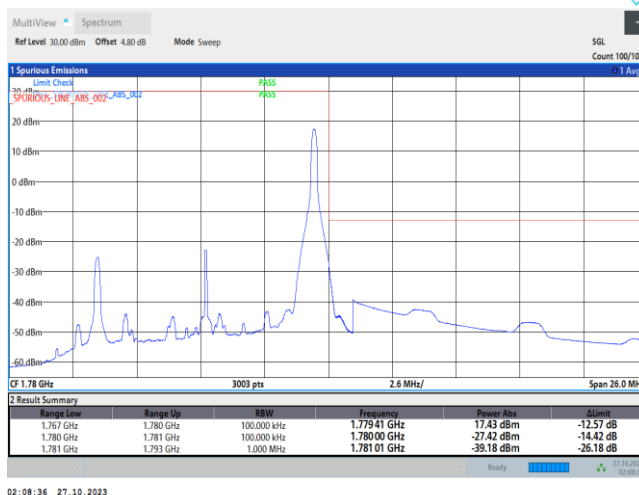


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Band66-10MHz-QPSK-132622-1RB#49

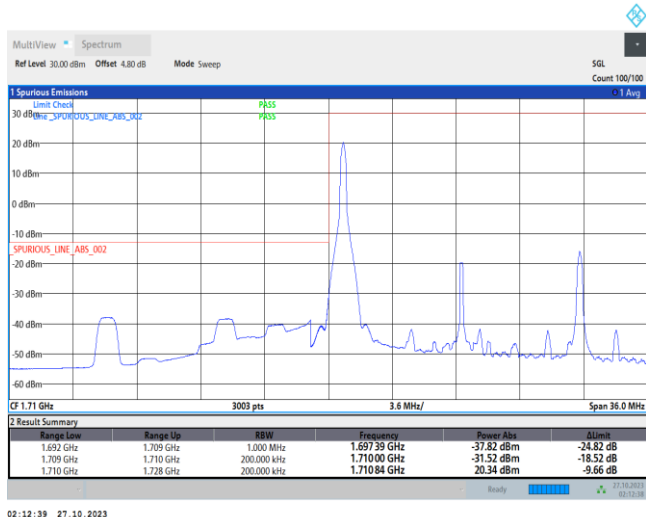


Band66-10MHz-QPSK-132622-50RB#0



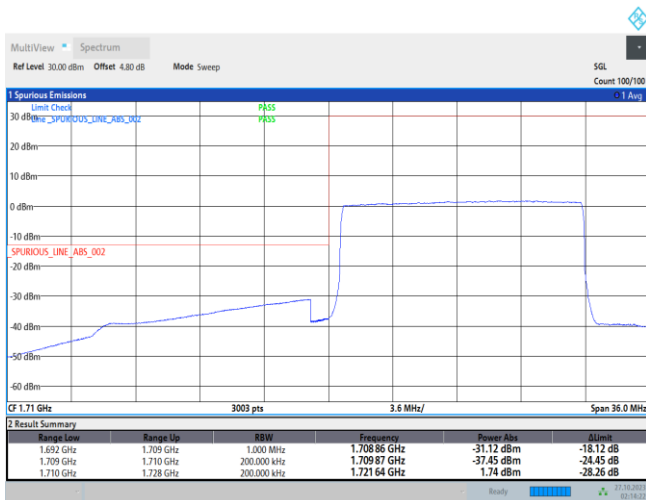
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Band66-15MHz-QPSK-132047-1RB#0



02:12:39 27.10.2023

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



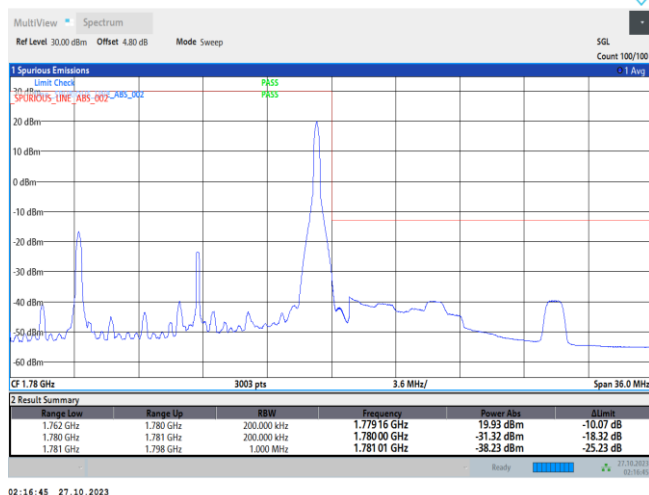
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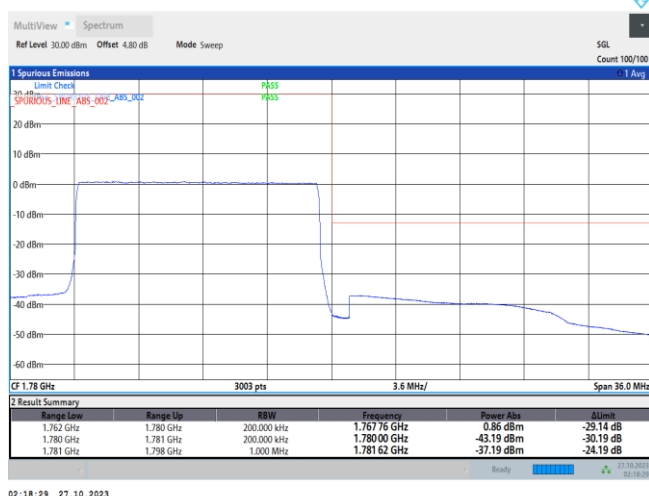
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Band66-15MHz-QPSK-132597-1RB#74



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

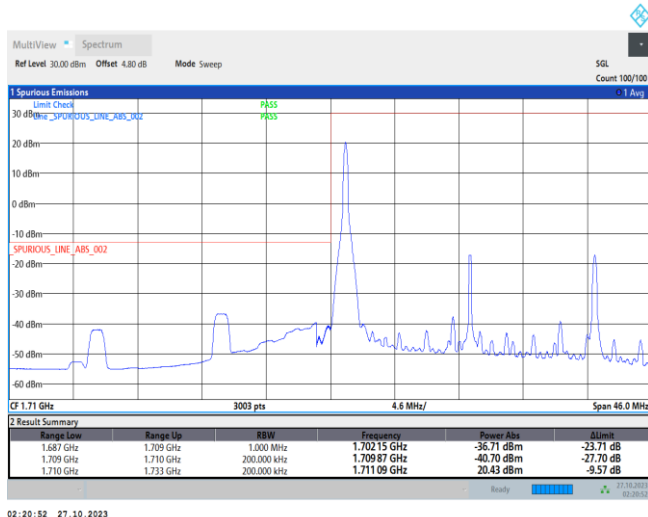


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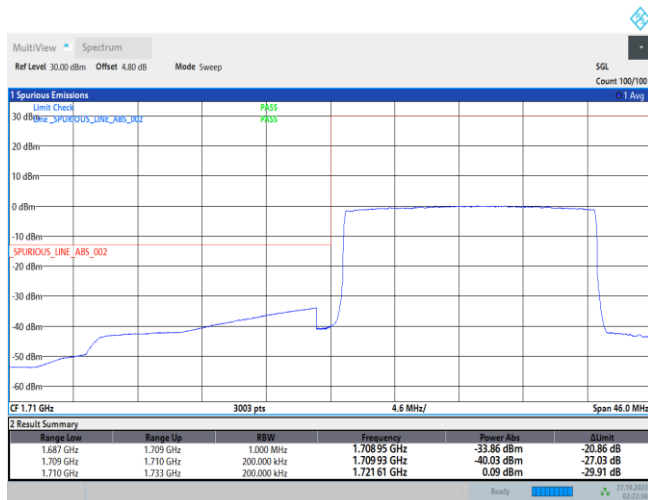
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Band66-20MHz-QPSK-132072-1RB#0



02:20:52 27.10.2023

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



02:22:37 27.10.2023

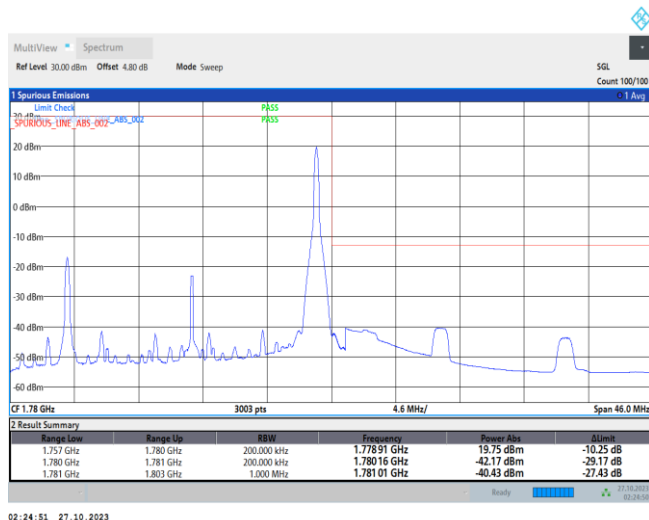


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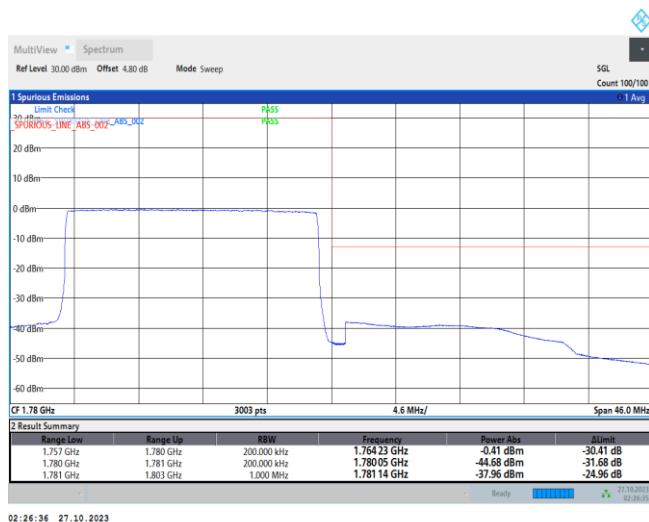
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Band66-20MHz-QPSK-132572-1RB#99



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



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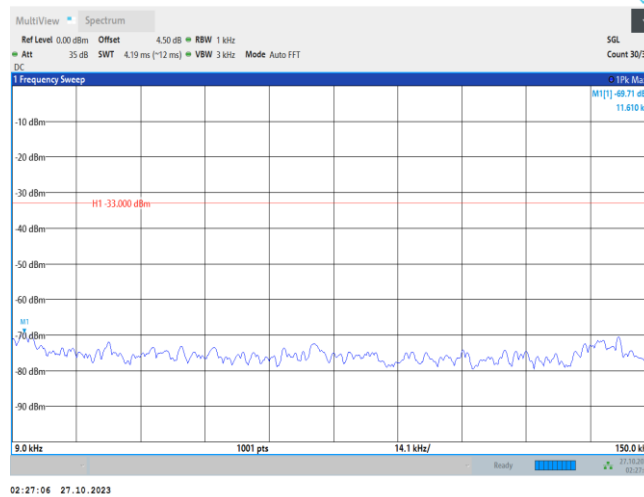
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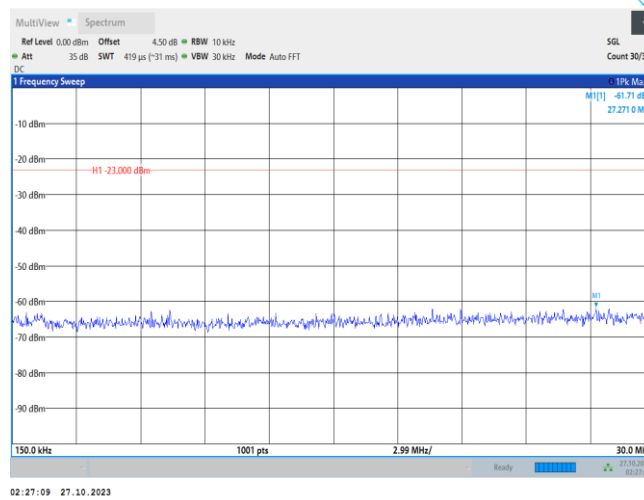
Conducted Spurious Emission

Test Graphs

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



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



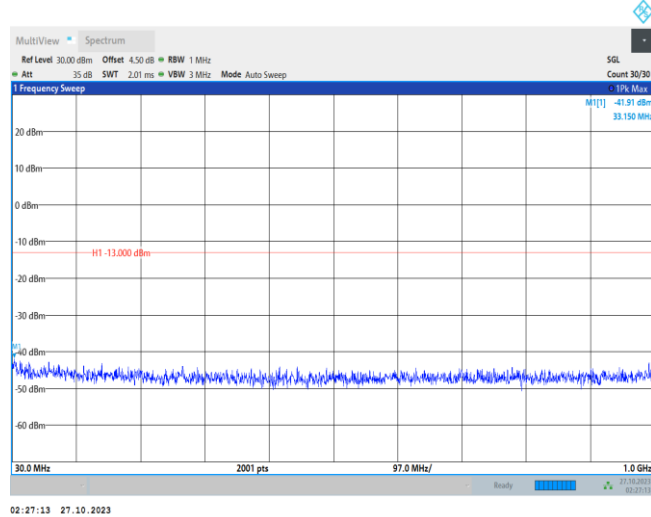
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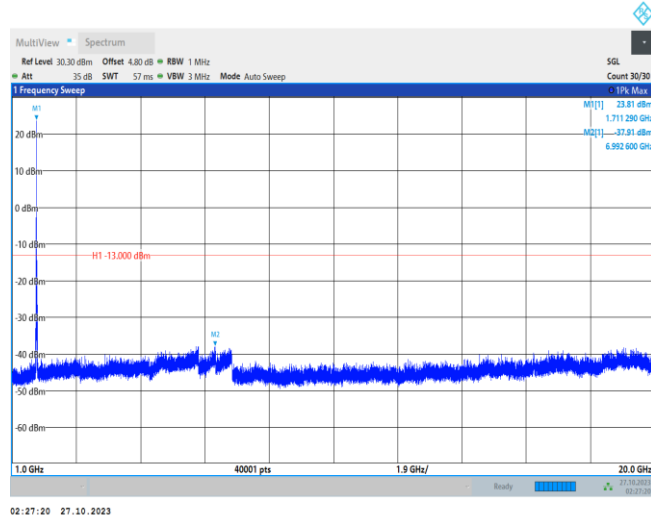
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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

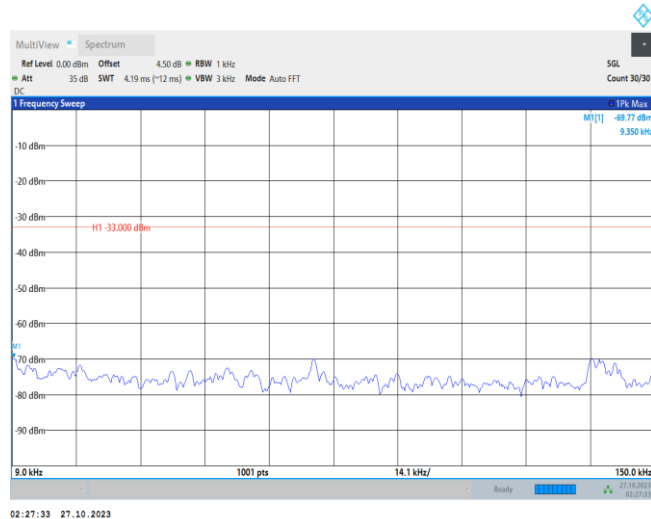


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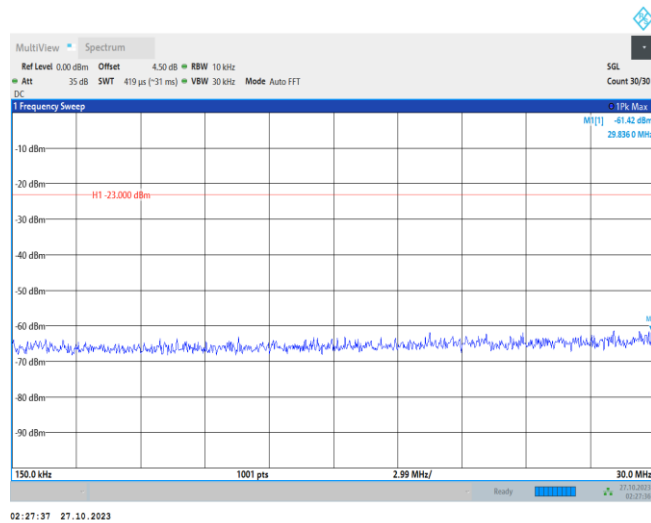
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



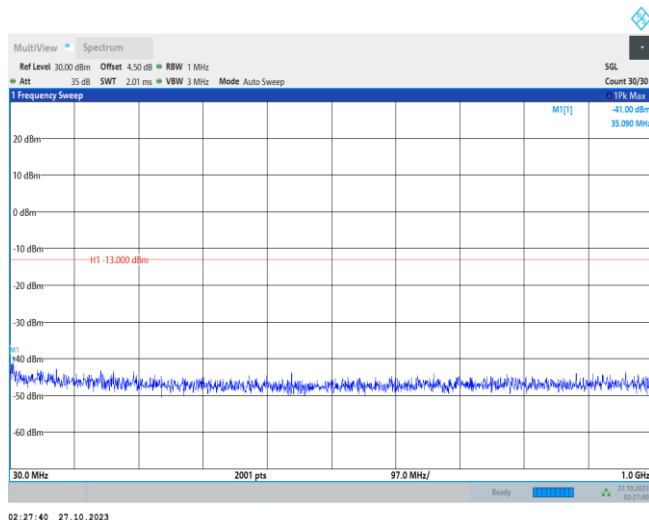
Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



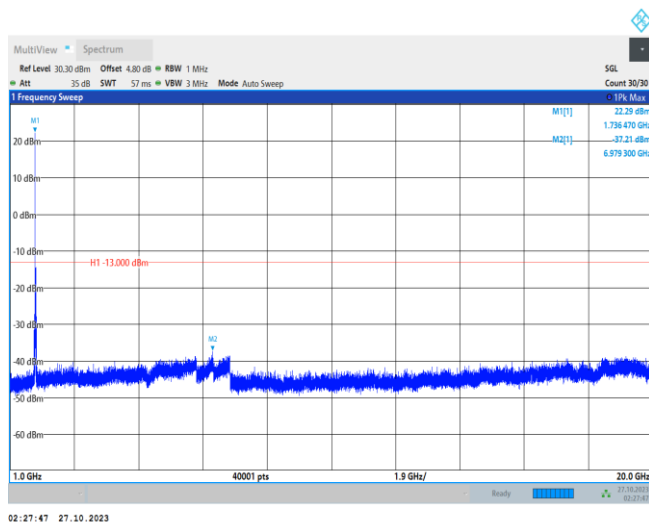
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



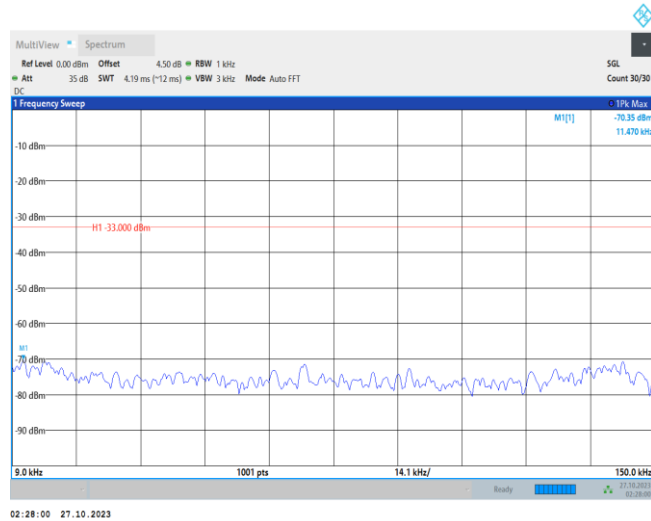
Band66-20MHz-QPSK-132322-1RB#0-Range4: 1000~20000MHz



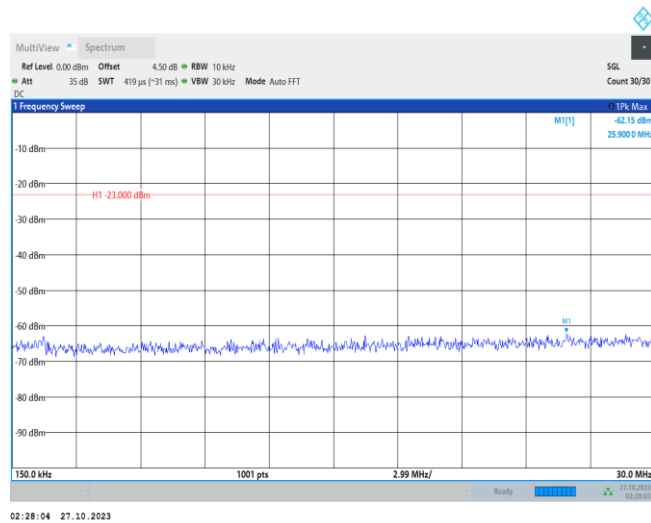
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



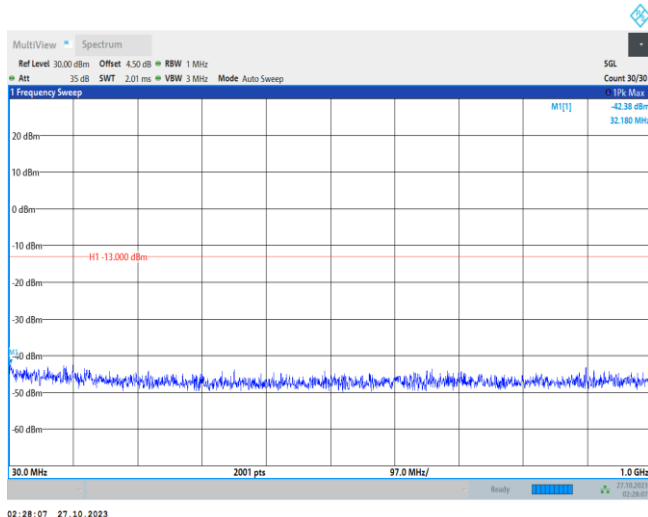
Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



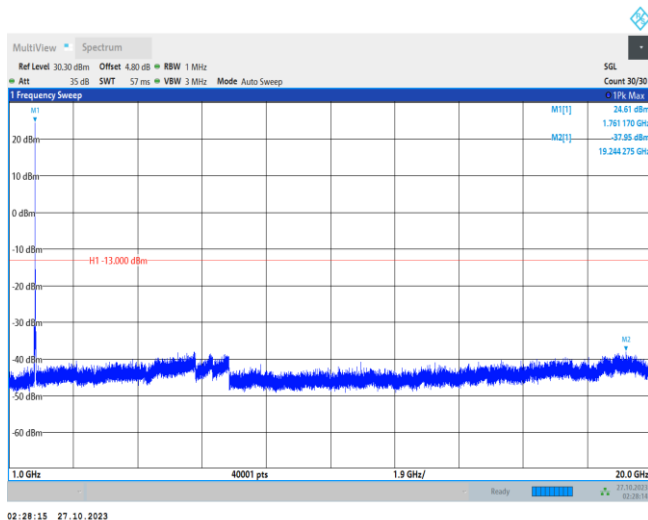
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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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]	Polarity
1	3431.25	54.32	-48.37	28.67	-60.64	-13.00	47.64	Horizontal
2	5146.5	55.50	-47.85	31.85	-55.76	-13.00	42.76	Horizontal
3	6862.5	58.60	-46.79	35.30	-48.15	-13.00	35.15	Horizontal
4	8577.75	46.79	-44.04	37.01	-55.50	-13.00	42.50	Horizontal
5	10212.54	38.02	-42.01	38.69	-60.56	-13.00	47.56	Horizontal
6	11914.63	37.53	-39.90	39.22	-58.42	-13.00	45.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3431.25	49.84	-48.37	28.67	-65.12	-13.00	52.12	Vertical
2	5146.5	47.60	-47.85	31.85	-63.66	-13.00	50.66	Vertical
3	6862.5	56.42	-46.79	35.30	-50.33	-13.00	37.33	Vertical
4	8577.75	55.75	-44.04	37.01	-46.54	-13.00	33.54	Vertical
5	10212.54	38.36	-42.01	38.69	-60.22	-13.00	47.22	Vertical
6	11914.63	37.11	-39.90	39.22	-58.84	-13.00	45.84	Vertical



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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]	Polarity
1	3481.5	51.48	-48.31	28.69	-63.40	-13.00	50.40	Horizontal
2	5221.5	55.45	-47.87	32.03	-55.64	-13.00	42.64	Horizontal
3	6962.25	54.90	-46.65	35.52	-51.49	-13.00	38.49	Horizontal
4	8703	48.05	-44.12	37.18	-54.14	-13.00	41.14	Horizontal
5	10362.54	38.59	-41.21	38.83	-59.05	-13.00	46.05	Horizontal
6	12089.63	36.99	-39.61	39.15	-58.73	-13.00	45.73	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3480.75	48.75	-48.31	28.69	-66.13	-13.00	53.13	Vertical
2	5221.5	48.04	-47.87	32.03	-63.05	-13.00	50.05	Vertical
3	6962.25	58.11	-46.65	35.52	-48.28	-13.00	35.28	Vertical
4	8703	56.71	-44.12	37.18	-45.48	-13.00	32.48	Vertical
5	10362.54	38.67	-41.21	38.83	-58.97	-13.00	45.97	Vertical
6	12089.63	36.84	-39.61	39.15	-58.88	-13.00	45.88	Vertical



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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]	Polarity
1	3531	49.31	-48.29	28.74	-65.49	-13.00	52.49	Horizontal
2	5296.5	51.49	-47.78	32.21	-59.34	-13.00	46.34	Horizontal
3	7062	49.27	-46.12	35.75	-56.36	-13.00	43.36	Horizontal
4	8828.25	49.41	-44.00	37.36	-52.49	-13.00	39.49	Horizontal
5	10512.54	37.85	-40.73	38.96	-59.18	-13.00	46.18	Horizontal
6	12262.63	37.35	-39.76	39.04	-58.63	-13.00	45.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3531	47.46	-48.29	28.74	-67.34	-13.00	54.34	Vertical
2	5296.5	45.68	-47.78	32.21	-65.15	-13.00	52.15	Vertical
3	7062	50.34	-46.12	35.75	-55.29	-13.00	42.29	Vertical
4	8827.5	56.03	-44.00	37.36	-45.87	-13.00	32.87	Vertical
5	10593.75	42.11	-41.21	39.03	-55.33	-13.00	42.33	Vertical
6	12262.63	36.80	-39.76	39.04	-59.18	-13.00	46.18	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-32.20	-0.018453	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-12.80	-0.007335	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	0.40	0.000229	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-5.20	-0.002980	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-20.40	-0.011691	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-5.80	-0.003324	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-3.40	-0.001948	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-18.40	-0.010544	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-19.20	-0.011003	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-15.70	-0.008997	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-7.20	-0.004126	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-16.80	-0.009628	PASS

---End of Attachment---



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