



Report No.: SUCR240200003402
Rev.: 01
Page: 1 of 263

Appendix B.7

LTE Band 4



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	16.58	16.72	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	16.67	16.81	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	16.54	16.68	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	15.55	15.69	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	16.76	16.9	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	16.66	16.8	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	16.61	16.75	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	15.77	15.91	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	16.54	16.68	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	16.71	16.85	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	16.83	16.97	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	15.41	15.55	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	15.7	15.84	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	15.72	15.86	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	15.89	16.03	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	14.59	14.73	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	15.82	15.96	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	15.78	15.92	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	15.78	15.92	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	14.5	14.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	15.66	15.8	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	15.75	15.89	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	15.77	15.91	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	14.43	14.57	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	14.76	14.9	30.00	PASS



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Report No.: SUCR240200003402
Rev.: 01
Page: 3 of 263

Band4	1.4MHz	64QAM	19957	1RB#2	14.73	14.87	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	14.97	15.11	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	13.77	13.91	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	14.58	14.72	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	14.8	14.94	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	14.65	14.79	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	13.6	13.74	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	14.5	14.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	14.66	14.8	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	14.34	14.48	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	13.7	13.84	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	16.58	16.72	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	16.78	16.92	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	16.56	16.7	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	15.72	15.86	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	16.76	16.9	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	16.9	17.04	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	16.6	16.74	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	15.51	15.65	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	16.48	16.62	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	16.48	16.62	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	16.65	16.79	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	15.54	15.68	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	15.67	15.81	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	15.54	15.68	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	15.75	15.89	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	14.52	14.66	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	15.74	15.88	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	15.8	15.94	30.00	PASS



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Report No.: SUCR240200003402
Rev.: 01
Page: 4 of 263

Band4	3MHz	16QAM	20175	1RB#14	15.89	16.03	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	14.45	14.59	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	15.83	15.97	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	15.86	16	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	15.86	16	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	14.47	14.61	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	14.66	14.8	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	14.54	14.68	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	14.56	14.7	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	13.93	14.07	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	14.63	14.77	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	14.68	14.82	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	14.78	14.92	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	13.8	13.94	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	14.64	14.78	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	14.51	14.65	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	14.63	14.77	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	13.57	13.71	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	16.65	16.79	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	16.82	16.96	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	16.59	16.73	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	15.48	15.62	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	16.56	16.7	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	16.89	17.03	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	16.75	16.89	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	15.52	15.66	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	16.84	16.98	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	16.81	16.95	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	16.55	16.69	30.00	PASS



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Report No.: SUCR240200003402
Rev.: 01
Page: 5 of 263

Band4	5MHz	QPSK	20375	25RB#0	15.5	15.64	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	15.77	15.91	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	15.81	15.95	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	15.62	15.76	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	14.34	14.48	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	15.86	16	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	15.93	16.07	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	16.09	16.23	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	14.76	14.9	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	16.11	16.25	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	15.93	16.07	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	15.85	15.99	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	14.41	14.55	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	14.71	14.85	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	14.94	15.08	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	14.63	14.77	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	13.68	13.82	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	14.7	14.84	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	14.84	14.98	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	14.78	14.92	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	13.85	13.99	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	14.84	14.98	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	14.77	14.91	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	14.51	14.65	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	13.63	13.77	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	16.66	16.8	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	16.58	16.72	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	16.78	16.92	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	15.65	15.79	30.00	PASS



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Report No.: SUCR240200003402
Rev.: 01
Page: 6 of 263

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Band4	10MHz	QPSK	20175	1RB#24	16.57	16.71	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	16.63	16.77	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	15.51	15.65	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	16.8	16.94	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	16.46	16.6	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	16.5	16.64	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	15.43	15.57	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	15.4	15.54	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	15.88	16.02	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	15.64	15.78	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	14.32	14.46	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	15.89	16.03	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	15.87	16.01	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	15.82	15.96	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	14.64	14.78	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	15.73	15.87	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	15.68	15.82	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	15.6	15.74	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	14.66	14.8	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	14.44	14.58	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	14.83	14.97	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	14.54	14.68	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	13.49	13.63	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	14.35	14.49	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	14.91	15.05	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	14.68	14.82	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	13.65	13.79	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	14.5	14.64	30.00	PASS



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Page: 7 of 263

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Band4	10MHz	64QAM	20350	1RB#49	14.89	15.03	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	13.91	14.05	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	16.51	16.65	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	16.34	16.48	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	16.74	16.88	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	15.28	15.42	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	16.45	16.59	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	16.58	16.72	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	16.81	16.95	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	15.59	15.73	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	16.45	16.59	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	16.41	16.55	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	16.53	16.67	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	15.69	15.83	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	15.53	15.67	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	15.76	15.9	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	15.58	15.72	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	14.2	14.34	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	15.84	15.98	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	15.65	15.79	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	15.96	16.1	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	14.53	14.67	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	15.75	15.89	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	15.5	15.64	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	15.72	15.86	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	14.72	14.86	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	14.67	14.81	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	14.63	14.77	30.00	PASS



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Report No.: SUCR240200003402

Rev.: 01

Page: 8 of 263

Band4	15MHz	64QAM	20025	1RB#74	14.63	14.77	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.72	13.86	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	14.5	14.64	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	14.54	14.68	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	14.69	14.83	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.73	13.87	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	14.63	14.77	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	14.65	14.79	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	14.66	14.8	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.57	13.71	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	16.41	16.55	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	16.48	16.62	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	16.62	16.76	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	15.74	15.88	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	16.55	16.69	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	16.63	16.77	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	16.67	16.81	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	15.48	15.62	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	16.45	16.59	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	16.57	16.71	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	16.3	16.44	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	15.64	15.78	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	15.69	15.83	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	15.82	15.96	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	15.85	15.99	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	14.41	14.55	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	15.63	15.77	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	16.09	16.23	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	15.86	16	30.00	PASS



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Report No.: SUCR240200003402

Rev.: 01

Page: 9 of 263

Band4	20MHz	16QAM	20175	100RB#0	14.46	14.6	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	15.44	15.58	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	15.8	15.94	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	15.41	15.55	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	14.53	14.67	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	14.48	14.62	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	14.6	14.74	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	14.77	14.91	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	13.71	13.85	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	14.19	14.33	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	14.44	14.58	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	14.61	14.75	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	13.5	13.64	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	14.58	14.72	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	14.81	14.95	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	14.5	14.64	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	13.78	13.92	30.00	PASS



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2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.5	5.155	0.0030	/	Pass
					3.87	3.544	0.0021	/	Pass
					4.45	-1.003	-0.0006	/	Pass
				-30	3.87	2.074	0.0012	/	Pass
				-20	3.87	-0.377	-0.0002	/	Pass
				-10	3.87	-0.725	-0.0004	/	Pass
				0	3.87	-0.853	-0.0005	/	Pass
				10	3.87	0.204	0.0001	/	Pass
				30	3.87	-1.487	-0.0009	/	Pass
				40	3.87	-1.478	-0.0009	/	Pass
				50	3.87	-0.311	-0.0002	/	Pass
	1732.5	6	0	20	3.5	-3.972	-0.0023	/	Pass
					3.87	-0.760	-0.0004	/	Pass
					4.45	2.882	0.0017	/	Pass
				-30	3.87	2.919	0.0017	/	Pass
				-20	3.87	4.147	0.0024	/	Pass
				-10	3.87	-0.041	0.0000	/	Pass
				0	3.87	1.789	0.0010	/	Pass
				10	3.87	-0.113	-0.0001	/	Pass
				30	3.87	3.018	0.0017	/	Pass
				40	3.87	1.581	0.0009	/	Pass
				50	3.87	3.644	0.0021	/	Pass
	1754.3	6	0	20	3.5	0.720	0.0004	/	Pass
					3.87	4.501	0.0026	/	Pass
					4.45	1.996	0.0011	/	Pass
				-30	3.87	3.655	0.0021	/	Pass
				-20	3.87	0.067	0.0000	/	Pass
				-10	3.87	4.781	0.0027	/	Pass
				0	3.87	2.704	0.0015	/	Pass
				10	3.87	5.057	0.0029	/	Pass
				30	3.87	2.997	0.0017	/	Pass
				40	3.87	4.019	0.0023	/	Pass
				50	3.87	1.727	0.0010	/	Pass
16QAM	1710.7	6	0	20	3.5	1.910	0.0011	/	Pass
					3.87	-3.027	-0.0018	/	Pass
					4.45	-0.100	-0.0001	/	Pass
				-30	3.87	1.581	0.0009	/	Pass
				-20	3.87	0.822	0.0005	/	Pass
				-10	3.87	-0.729	-0.0004	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 11 of 263

64QAM	1732.5	6	0	0	3.87	-2.786	-0.0016	/	Pass
				10	3.87	1.392	0.0008	/	Pass
				30	3.87	0.979	0.0006	/	Pass
				40	3.87	2.121	0.0012	/	Pass
				50	3.87	0.087	0.0001	/	Pass
				20	3.5	2.544	0.0015	/	Pass
					3.87	2.475	0.0014	/	Pass
				20	4.45	0.785	0.0005	/	Pass
					3.87	0.103	0.0001	/	Pass
				-30	3.87	0.701	0.0004	/	Pass
				-20	3.87	0.701	0.0004	/	Pass
				-10	3.87	-0.500	-0.0003	/	Pass
				0	3.87	1.855	0.0011	/	Pass
				10	3.87	-0.967	-0.0006	/	Pass
				30	3.87	2.638	0.0015	/	Pass
				40	3.87	1.684	0.0010	/	Pass
				50	3.87	-8.934	-0.0052	/	Pass
	1754.3	6	0	20	3.5	2.099	0.0012	/	Pass
					3.87	4.112	0.0023	/	Pass
				20	4.45	3.346	0.0019	/	Pass
					3.87	1.488	0.0008	/	Pass
				-30	3.87	2.587	0.0015	/	Pass
				-20	3.87	2.587	0.0015	/	Pass
				-10	3.87	3.578	0.0020	/	Pass
				0	3.87	0.600	0.0003	/	Pass
				10	3.87	-0.301	-0.0002	/	Pass
				30	3.87	1.842	0.0010	/	Pass
				40	3.87	2.300	0.0013	/	Pass
				50	3.87	4.532	0.0026	/	Pass
	1710.7	6	0	20	3.5	2.296	0.0013	/	Pass
					3.87	-1.372	-0.0008	/	Pass
				20	4.45	-2.700	-0.0016	/	Pass
					3.87	-0.833	-0.0005	/	Pass
				-30	3.87	-3.474	-0.0020	/	Pass
				-20	3.87	1.237	0.0007	/	Pass
				-10	3.87	1.237	0.0007	/	Pass
				0	3.87	-2.889	-0.0017	/	Pass
				10	3.87	-1.230	-0.0007	/	Pass
				30	3.87	1.922	0.0011	/	Pass
				40	3.87	0.448	0.0003	/	Pass
				50	3.87	1.889	0.0011	/	Pass
	1732.5	6	0	20	3.5	6.151	0.0036	/	Pass
					3.87	1.145	0.0007	/	Pass
				20	4.45	2.173	0.0013	/	Pass
					3.87	1.429	0.0008	/	Pass
				-30	3.87	5.467	0.0032	/	Pass
				-20	3.87	0.162	0.0001	/	Pass
				-10	3.87	2.463	0.0014	/	Pass
				0	3.87	0.466	0.0003	/	Pass
				10	3.87	2.619	0.0015	/	Pass
				30	3.87	1.544	0.0009	/	Pass
				40	3.87	1.544	0.0009	/	Pass
				50	3.87	1.675	0.0010	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 12 of 263

1754.3	6	0	20	3.5	0.662	0.0004	/	Pass
				3.87	1.936	0.0011	/	Pass
				4.45	1.225	0.0007	/	Pass
			-30	3.87	0.461	0.0003	/	Pass
			-20	3.87	3.389	0.0019	/	Pass
			-10	3.87	3.743	0.0021	/	Pass
			0	3.87	2.661	0.0015	/	Pass
			10	3.87	0.662	0.0004	/	Pass
			30	3.87	3.824	0.0022	/	Pass
			40	3.87	3.537	0.0020	/	Pass
			50	3.87	3.016	0.0017	/	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 13 of 263

2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.5	3.391	0.0020	/	Pass
					3.87	-4.789	-0.0028	/	Pass
					4.45	0.751	0.0004	/	Pass
				-30	3.87	-0.452	-0.0003	/	Pass
				-20	3.87	0.845	0.0005	/	Pass
				-10	3.87	-4.713	-0.0028	/	Pass
				0	3.87	-6.837	-0.0040	/	Pass
				10	3.87	-2.722	-0.0016	/	Pass
				30	3.87	6.110	0.0036	/	Pass
				40	3.87	1.410	0.0008	/	Pass
				50	3.87	-1.823	-0.0011	/	Pass
	1732.5	15	0	20	3.5	-1.168	-0.0007	/	Pass
					3.87	-0.984	-0.0006	/	Pass
					4.45	-3.178	-0.0018	/	Pass
				-30	3.87	-1.003	-0.0006	/	Pass
				-20	3.87	0.964	0.0006	/	Pass
				-10	3.87	-0.940	-0.0005	/	Pass
				0	3.87	-1.514	-0.0009	/	Pass
				10	3.87	1.186	0.0007	/	Pass
				30	3.87	-3.611	-0.0021	/	Pass
				40	3.87	1.680	0.0010	/	Pass
				50	3.87	-3.636	-0.0021	/	Pass
	1753.5	15	0	20	3.5	0.241	0.0001	/	Pass
					3.87	2.080	0.0012	/	Pass
					4.45	2.365	0.0013	/	Pass
				-30	3.87	1.552	0.0009	/	Pass
				-20	3.87	3.215	0.0018	/	Pass
				-10	3.87	2.578	0.0015	/	Pass
				0	3.87	-1.482	-0.0008	/	Pass
				10	3.87	2.786	0.0016	/	Pass
				30	3.87	2.613	0.0015	/	Pass
				40	3.87	1.565	0.0009	/	Pass
				50	3.87	0.854	0.0005	/	Pass
16QAM	1711.5	15	0	20	3.5	-0.578	-0.0003	/	Pass
					3.87	-2.908	-0.0017	/	Pass
					4.45	-0.887	-0.0005	/	Pass
				-30	3.87	-0.624	-0.0004	/	Pass
				-20	3.87	-1.172	-0.0007	/	Pass
				-10	3.87	-3.001	-0.0018	/	Pass
				0	3.87	0.775	0.0005	/	Pass
				10	3.87	1.436	0.0008	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 14 of 263

64QAM	1732.5	15	0	30	3.87	-1.296	-0.0008	/	Pass
				40	3.87	-3.090	-0.0018	/	Pass
				50	3.87	-3.073	-0.0018	/	Pass
				20	3.5	0.738	0.0004	/	Pass
					3.87	-0.589	-0.0003	/	Pass
					4.45	-2.370	-0.0014	/	Pass
				-30	3.87	1.995	0.0012	/	Pass
				-20	3.87	3.265	0.0019	/	Pass
				-10	3.87	-1.235	-0.0007	/	Pass
				0	3.87	-0.416	-0.0002	/	Pass
				10	3.87	-1.916	-0.0011	/	Pass
				30	3.87	0.726	0.0004	/	Pass
				40	3.87	0.131	0.0001	/	Pass
				50	3.87	0.527	0.0003	/	Pass
	1753.5	15	0	20	3.5	2.429	0.0014	/	Pass
					3.87	0.474	0.0003	/	Pass
					4.45	0.506	0.0003	/	Pass
				-30	3.87	1.159	0.0007	/	Pass
				-20	3.87	0.554	0.0003	/	Pass
				-10	3.87	1.525	0.0009	/	Pass
				0	3.87	1.437	0.0008	/	Pass
				10	3.87	-0.596	-0.0003	/	Pass
				30	3.87	2.216	0.0013	/	Pass
				40	3.87	2.919	0.0017	/	Pass
				50	3.87	0.480	0.0003	/	Pass
	1711.5	15	0	20	3.5	-1.717	-0.0010	/	Pass
					3.87	-3.097	-0.0018	/	Pass
					4.45	-3.112	-0.0018	/	Pass
				-30	3.87	-3.825	-0.0022	/	Pass
				-20	3.87	0.964	0.0006	/	Pass
				-10	3.87	-2.172	-0.0013	/	Pass
				0	3.87	-0.049	0.0000	/	Pass
				10	3.87	-0.941	-0.0005	/	Pass
				30	3.87	-3.411	-0.0020	/	Pass
				40	3.87	-1.251	-0.0007	/	Pass
				50	3.87	-1.408	-0.0008	/	Pass
	1732.5	15	0	20	3.5	-3.238	-0.0019	/	Pass
					3.87	-0.682	-0.0004	/	Pass
					4.45	-2.429	-0.0014	/	Pass
				-30	3.87	0.350	0.0002	/	Pass
				-20	3.87	-2.813	-0.0016	/	Pass
				-10	3.87	-6.317	-0.0036	/	Pass
				0	3.87	7.247	0.0042	/	Pass
				10	3.87	3.676	0.0021	/	Pass
				30	3.87	1.434	0.0008	/	Pass
				40	3.87	2.340	0.0014	/	Pass
				50	3.87	2.158	0.0012	/	Pass
	1753.5	15	0	20	3.5	-0.066	0.0000	/	Pass
					3.87	3.316	0.0019	/	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 15 of 263

					4.45	-0.344	-0.0002	/	Pass
				-30	3.87	-0.695	-0.0004	/	Pass
				-20	3.87	-2.417	-0.0014	/	Pass
				-10	3.87	-3.713	-0.0021	/	Pass
				0	3.87	0.080	0.0000	/	Pass
				10	3.87	1.364	0.0008	/	Pass
				30	3.87	-0.709	-0.0004	/	Pass
				40	3.87	1.651	0.0009	/	Pass
				50	3.87	-1.607	-0.0009	/	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 16 of 263

2.3 B4_5MHz

2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.5	5.772	0.0034	/	Pass
					3.87	4.208	0.0025	/	Pass
					4.45	5.129	0.0030	/	Pass
				-30	3.87	4.229	0.0025	/	Pass
				-20	3.87	2.334	0.0014	/	Pass
				-10	3.87	5.215	0.0030	/	Pass
				0	3.87	5.107	0.0030	/	Pass
				10	3.87	4.561	0.0027	/	Pass
				30	3.87	3.651	0.0021	/	Pass
				40	3.87	5.080	0.0030	/	Pass
				50	3.87	4.385	0.0026	/	Pass
	1732.5	25	0	20	3.5	-1.468	-0.0008	/	Pass
					3.87	0.371	0.0002	/	Pass
					4.45	-1.092	-0.0006	/	Pass
				-30	3.87	0.192	0.0001	/	Pass
				-20	3.87	0.530	0.0003	/	Pass
				-10	3.87	1.234	0.0007	/	Pass
				0	3.87	1.693	0.0010	/	Pass
				10	3.87	0.799	0.0005	/	Pass
				30	3.87	1.734	0.0010	/	Pass
				40	3.87	2.210	0.0013	/	Pass
				50	3.87	0.281	0.0002	/	Pass
	1752.5	25	0	20	3.5	6.828	0.0039	/	Pass
					3.87	2.067	0.0012	/	Pass
					4.45	-0.154	-0.0001	/	Pass
				-30	3.87	-3.117	-0.0018	/	Pass
				-20	3.87	0.212	0.0001	/	Pass
				-10	3.87	2.889	0.0016	/	Pass
				0	3.87	0.033	0.0000	/	Pass
				10	3.87	0.852	0.0005	/	Pass
				30	3.87	3.933	0.0022	/	Pass
				40	3.87	-1.202	-0.0007	/	Pass
				50	3.87	-3.940	-0.0022	/	Pass
16QAM	1712.5	25	0	20	3.5	4.901	0.0029	/	Pass
					3.87	5.364	0.0031	/	Pass
					4.45	-4.185	-0.0024	/	Pass
				-30	3.87	6.362	0.0037	/	Pass
				-20	3.87	6.202	0.0036	/	Pass
				-10	3.87	5.817	0.0034	/	Pass
				0	3.87	6.342	0.0037	/	Pass
				10	3.87	1.951	0.0011	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 17 of 263

				30	3.87	5.088	0.0030	/	Pass
				40	3.87	4.307	0.0025	/	Pass
				50	3.87	4.933	0.0029	/	Pass
1732.5	25	0	20	3.5	0.741	0.0004	/	/	Pass
				3.87	2.616	0.0015	/	/	Pass
				4.45	1.046	0.0006	/	/	Pass
			-30	3.87	1.304	0.0008	/	/	Pass
			-20	3.87	0.955	0.0006	/	/	Pass
			-10	3.87	0.335	0.0002	/	/	Pass
			0	3.87	1.448	0.0008	/	/	Pass
			10	3.87	2.400	0.0014	/	/	Pass
			30	3.87	2.971	0.0017	/	/	Pass
			40	3.87	-0.209	-0.0001	/	/	Pass
			50	3.87	0.520	0.0003	/	/	Pass
			20	3.5	0.353	0.0002	/	/	Pass
				3.87	1.068	0.0006	/	/	Pass
				4.45	-1.336	-0.0008	/	/	Pass
1752.5	25	0	-30	3.87	1.286	0.0007	/	/	Pass
			-20	3.87	-0.189	-0.0001	/	/	Pass
			-10	3.87	4.236	0.0024	/	/	Pass
			0	3.87	-1.760	-0.0010	/	/	Pass
			10	3.87	0.716	0.0004	/	/	Pass
			30	3.87	0.278	0.0002	/	/	Pass
			40	3.87	-1.487	-0.0008	/	/	Pass
			50	3.87	-0.637	-0.0004	/	/	Pass
64QAM	1712.5	25	20	3.5	7.371	0.0043	/	/	Pass
				3.87	0.979	0.0006	/	/	Pass
				4.45	2.303	0.0013	/	/	Pass
			-30	3.87	1.927	0.0011	/	/	Pass
			-20	3.87	2.946	0.0017	/	/	Pass
			-10	3.87	4.572	0.0027	/	/	Pass
			0	3.87	3.576	0.0021	/	/	Pass
			10	3.87	-0.369	-0.0002	/	/	Pass
			30	3.87	3.253	0.0019	/	/	Pass
			40	3.87	0.096	0.0001	/	/	Pass
			50	3.87	1.626	0.0009	/	/	Pass
	1732.5	25	20	3.5	3.711	0.0021	/	/	Pass
				3.87	1.390	0.0008	/	/	Pass
				4.45	-0.872	-0.0005	/	/	Pass
			-30	3.87	3.787	0.0022	/	/	Pass
			-20	3.87	2.054	0.0012	/	/	Pass
			-10	3.87	-0.553	-0.0003	/	/	Pass
			0	3.87	0.696	0.0004	/	/	Pass
			10	3.87	-0.361	-0.0002	/	/	Pass
			30	3.87	0.955	0.0006	/	/	Pass
			40	3.87	0.336	0.0002	/	/	Pass
			50	3.87	2.520	0.0015	/	/	Pass
	1752.5	25	0	20	3.5	-1.332	-0.0008	/	Pass
				3.87	1.636	0.0009	/	/	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 18 of 263

					4.45	-2.166	-0.0012	/	Pass
				-30	3.87	0.957	0.0005	/	Pass
				-20	3.87	0.014	0.0000	/	Pass
				-10	3.87	3.261	0.0019	/	Pass
				0	3.87	1.252	0.0007	/	Pass
				10	3.87	-2.127	-0.0012	/	Pass
				30	3.87	1.891	0.0011	/	Pass
				40	3.87	2.064	0.0012	/	Pass
				50	3.87	-0.836	-0.0005	/	Pass



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2.4 B4_10MHz

2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.5	-0.222	-0.0001	/	Pass
					3.87	-4.358	-0.0025	/	Pass
					4.45	-0.205	-0.0001	/	Pass
				-30	3.87	-0.021	0.0000	/	Pass
				-20	3.87	-0.221	-0.0001	/	Pass
				-10	3.87	-1.254	-0.0007	/	Pass
				0	3.87	0.479	0.0003	/	Pass
				10	3.87	0.173	0.0001	/	Pass
				30	3.87	-1.544	-0.0009	/	Pass
				40	3.87	-0.742	-0.0004	/	Pass
				50	3.87	-1.137	-0.0007	/	Pass
	1732.5	50	0	20	3.5	1.121	0.0006	/	Pass
					3.87	4.728	0.0027	/	Pass
					4.45	4.999	0.0029	/	Pass
				-30	3.87	3.676	0.0021	/	Pass
				-20	3.87	3.524	0.0020	/	Pass
				-10	3.87	5.722	0.0033	/	Pass
				0	3.87	2.607	0.0015	/	Pass
				10	3.87	4.096	0.0024	/	Pass
				30	3.87	1.138	0.0007	/	Pass
				40	3.87	4.304	0.0025	/	Pass
				50	3.87	4.405	0.0025	/	Pass
	1750	50	0	20	3.5	-0.146	-0.0001	/	Pass
					3.87	3.090	0.0018	/	Pass
					4.45	2.768	0.0016	/	Pass
				-30	3.87	0.047	0.0000	/	Pass
				-20	3.87	3.530	0.0020	/	Pass
				-10	3.87	1.274	0.0007	/	Pass
				0	3.87	0.012	0.0000	/	Pass
				10	3.87	-4.037	-0.0023	/	Pass
				30	3.87	6.641	0.0038	/	Pass
				40	3.87	2.389	0.0014	/	Pass
				50	3.87	1.857	0.0011	/	Pass
16QAM	1715	50	0	20	3.5	1.682	0.0010	/	Pass
					3.87	-0.093	-0.0001	/	Pass
					4.45	-2.155	-0.0013	/	Pass
				-30	3.87	1.376	0.0008	/	Pass
				-20	3.87	-0.706	-0.0004	/	Pass
				-10	3.87	-2.196	-0.0013	/	Pass
				0	3.87	-2.431	-0.0014	/	Pass
				10	3.87	0.686	0.0004	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 20 of 263

64QAM	1732.5	50	0	30	3.87	-3.299	-0.0019	/	Pass
				40	3.87	3.748	0.0022	/	Pass
				50	3.87	-0.588	-0.0003	/	Pass
				20	3.5	2.024	0.0012	/	Pass
					3.87	1.613	0.0009	/	Pass
					4.45	3.174	0.0018	/	Pass
				-30	3.87	5.929	0.0034	/	Pass
				-20	3.87	2.407	0.0014	/	Pass
				-10	3.87	4.317	0.0025	/	Pass
				0	3.87	1.489	0.0009	/	Pass
				10	3.87	5.668	0.0033	/	Pass
				30	3.87	4.010	0.0023	/	Pass
				40	3.87	5.936	0.0034	/	Pass
				50	3.87	0.772	0.0004	/	Pass
	1750	50	0	20	3.5	2.173	0.0012	/	Pass
					3.87	1.294	0.0007	/	Pass
					4.45	0.133	0.0001	/	Pass
				-30	3.87	1.975	0.0011	/	Pass
				-20	3.87	-0.969	-0.0006	/	Pass
				-10	3.87	3.250	0.0019	/	Pass
				0	3.87	4.530	0.0026	/	Pass
				10	3.87	5.688	0.0033	/	Pass
				30	3.87	5.361	0.0031	/	Pass
				40	3.87	6.145	0.0035	/	Pass
				50	3.87	0.817	0.0005	/	Pass
	1715	50	0	20	3.5	1.945	0.0011	/	Pass
					3.87	-0.806	-0.0005	/	Pass
					4.45	0.139	0.0001	/	Pass
				-30	3.87	-0.520	-0.0003	/	Pass
				-20	3.87	0.570	0.0003	/	Pass
				-10	3.87	4.012	0.0023	/	Pass
				0	3.87	-0.719	-0.0004	/	Pass
				10	3.87	0.902	0.0005	/	Pass
				30	3.87	3.093	0.0018	/	Pass
				40	3.87	3.326	0.0019	/	Pass
				50	3.87	5.401	0.0031	/	Pass
	1732.5	50	0	20	3.5	4.084	0.0024	/	Pass
					3.87	5.408	0.0031	/	Pass
					4.45	5.665	0.0033	/	Pass
				-30	3.87	4.100	0.0024	/	Pass
				-20	3.87	3.352	0.0019	/	Pass
				-10	3.87	3.004	0.0017	/	Pass
				0	3.87	3.592	0.0021	/	Pass
				10	3.87	4.990	0.0029	/	Pass
				30	3.87	3.609	0.0021	/	Pass
				40	3.87	5.162	0.0030	/	Pass
				50	3.87	3.570	0.0021	/	Pass
	1750	50	0	20	3.5	2.188	0.0013	/	Pass
					3.87	3.527	0.0020	/	Pass



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Rev.: 01
Page: 21 of 263

					4.45	2.325	0.0013	/	Pass
				-30	3.87	1.478	0.0008	/	Pass
				-20	3.87	4.866	0.0028	/	Pass
				-10	3.87	0.527	0.0003	/	Pass
				0	3.87	2.034	0.0012	/	Pass
				10	3.87	1.994	0.0011	/	Pass
				30	3.87	4.445	0.0025	/	Pass
				40	3.87	3.021	0.0017	/	Pass
				50	3.87	3.125	0.0018	/	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 22 of 263

2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.5	-0.324	-0.0002	/	Pass
					3.87	2.676	0.0016	/	Pass
					4.45	0.425	0.0002	/	Pass
				-30	3.87	0.844	0.0005	/	Pass
				-20	3.87	2.318	0.0013	/	Pass
				-10	3.87	0.621	0.0004	/	Pass
				0	3.87	3.809	0.0022	/	Pass
				10	3.87	3.602	0.0021	/	Pass
				30	3.87	1.790	0.0010	/	Pass
				40	3.87	1.921	0.0011	/	Pass
				50	3.87	2.259	0.0013	/	Pass
	1732.5	75	0	20	3.5	-0.562	-0.0003	/	Pass
					3.87	2.142	0.0012	/	Pass
					4.45	2.515	0.0015	/	Pass
				-30	3.87	2.879	0.0017	/	Pass
				-20	3.87	4.722	0.0027	/	Pass
				-10	3.87	-1.180	-0.0007	/	Pass
				0	3.87	3.394	0.0020	/	Pass
				10	3.87	2.135	0.0012	/	Pass
				30	3.87	3.930	0.0023	/	Pass
				40	3.87	3.412	0.0020	/	Pass
				50	3.87	1.518	0.0009	/	Pass
	1747.5	75	0	20	3.5	1.012	0.0006	/	Pass
					3.87	5.865	0.0034	/	Pass
					4.45	2.624	0.0015	/	Pass
				-30	3.87	2.684	0.0015	/	Pass
				-20	3.87	3.610	0.0021	/	Pass
				-10	3.87	2.266	0.0013	/	Pass
				0	3.87	3.255	0.0019	/	Pass
				10	3.87	1.448	0.0008	/	Pass
				30	3.87	2.261	0.0013	/	Pass
				40	3.87	3.331	0.0019	/	Pass
				50	3.87	3.280	0.0019	/	Pass
16QAM	1717.5	75	0	20	3.5	1.493	0.0009	/	Pass
					3.87	2.134	0.0012	/	Pass
					4.45	1.855	0.0011	/	Pass
				-30	3.87	-1.033	-0.0006	/	Pass
				-20	3.87	4.079	0.0024	/	Pass
				-10	3.87	2.906	0.0017	/	Pass
				0	3.87	-0.501	-0.0003	/	Pass
				10	3.87	1.817	0.0011	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

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				30	3.87	1.872	0.0011	/	Pass
				40	3.87	-0.188	-0.0001	/	Pass
				50	3.87	1.709	0.0010	/	Pass
1732.5	75	0	20	3.5	3.762	0.0022	/	/	Pass
				3.87	3.104	0.0018	/	/	Pass
				4.45	5.557	0.0032	/	/	Pass
			-30	3.87	-0.970	-0.0006	/	/	Pass
			-20	3.87	1.587	0.0009	/	/	Pass
			-10	3.87	1.868	0.0011	/	/	Pass
			0	3.87	1.126	0.0006	/	/	Pass
			10	3.87	3.602	0.0021	/	/	Pass
			30	3.87	1.309	0.0008	/	/	Pass
			40	3.87	1.187	0.0007	/	/	Pass
			50	3.87	0.893	0.0005	/	/	Pass
			20	3.5	2.901	0.0017	/	/	Pass
				3.87	-0.106	-0.0001	/	/	Pass
				4.45	3.905	0.0022	/	/	Pass
1747.5	75	0	-30	3.87	2.845	0.0016	/	/	Pass
			-20	3.87	3.001	0.0017	/	/	Pass
			-10	3.87	4.703	0.0027	/	/	Pass
			0	3.87	3.946	0.0023	/	/	Pass
			10	3.87	1.316	0.0008	/	/	Pass
			30	3.87	0.545	0.0003	/	/	Pass
			40	3.87	2.955	0.0017	/	/	Pass
			50	3.87	4.395	0.0025	/	/	Pass
64QAM	1717.5	75	20	3.5	-1.248	-0.0007	/	/	Pass
				3.87	2.685	0.0016	/	/	Pass
				4.45	-1.259	-0.0007	/	/	Pass
			-30	3.87	3.953	0.0023	/	/	Pass
			-20	3.87	-0.095	-0.0001	/	/	Pass
			-10	3.87	-5.333	-0.0031	/	/	Pass
			0	3.87	2.642	0.0015	/	/	Pass
			10	3.87	1.710	0.0010	/	/	Pass
			30	3.87	2.806	0.0016	/	/	Pass
			40	3.87	-0.755	-0.0004	/	/	Pass
			50	3.87	1.952	0.0011	/	/	Pass
	1732.5	75	20	3.5	2.209	0.0013	/	/	Pass
				3.87	3.280	0.0019	/	/	Pass
				4.45	2.821	0.0016	/	/	Pass
			-30	3.87	0.769	0.0004	/	/	Pass
			-20	3.87	3.116	0.0018	/	/	Pass
			-10	3.87	3.313	0.0019	/	/	Pass
			0	3.87	0.994	0.0006	/	/	Pass
			10	3.87	3.250	0.0019	/	/	Pass
			30	3.87	5.360	0.0031	/	/	Pass
			40	3.87	4.746	0.0027	/	/	Pass
			50	3.87	4.221	0.0024	/	/	Pass
	1747.5	75	0	20	3.5	3.464	0.0020	/	Pass
				3.87	3.500	0.0020	/	/	Pass



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Rev.: 01
Page: 24 of 263

					4.45	5.115	0.0029	/	Pass
				-30	3.87	1.956	0.0011	/	Pass
				-20	3.87	5.927	0.0034	/	Pass
				-10	3.87	3.899	0.0022	/	Pass
				0	3.87	-0.927	-0.0005	/	Pass
				10	3.87	3.742	0.0021	/	Pass
				30	3.87	4.035	0.0023	/	Pass
				40	3.87	4.909	0.0028	/	Pass
				50	3.87	3.899	0.0022	/	Pass



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2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.5	-1.214	-0.0007	/	Pass
					3.87	-1.390	-0.0008	/	Pass
					4.45	-2.981	-0.0017	/	Pass
				-30	3.87	-1.459	-0.0008	/	Pass
				-20	3.87	-5.105	-0.0030	/	Pass
				-10	3.87	-4.210	-0.0024	/	Pass
				0	3.87	0.695	0.0004	/	Pass
				10	3.87	0.839	0.0005	/	Pass
				30	3.87	1.077	0.0006	/	Pass
				40	3.87	-2.100	-0.0012	/	Pass
				50	3.87	-2.160	-0.0013	/	Pass
	1732.5	100	0	20	3.5	2.802	0.0016	/	Pass
					3.87	7.939	0.0046	/	Pass
					4.45	9.464	0.0055	/	Pass
				-30	3.87	4.600	0.0027	/	Pass
				-20	3.87	3.587	0.0021	/	Pass
				-10	3.87	0.837	0.0005	/	Pass
				0	3.87	4.264	0.0025	/	Pass
				10	3.87	4.198	0.0024	/	Pass
				30	3.87	6.994	0.0040	/	Pass
				40	3.87	4.142	0.0024	/	Pass
				50	3.87	2.478	0.0014	/	Pass
	1745	100	0	20	3.5	3.482	0.0020	/	Pass
					3.87	3.326	0.0019	/	Pass
					4.45	-0.550	-0.0003	/	Pass
				-30	3.87	2.312	0.0013	/	Pass
				-20	3.87	3.136	0.0018	/	Pass
				-10	3.87	5.589	0.0032	/	Pass
				0	3.87	-1.706	-0.0010	/	Pass
				10	3.87	1.629	0.0009	/	Pass
				30	3.87	1.046	0.0006	/	Pass
				40	3.87	2.221	0.0013	/	Pass
				50	3.87	2.221	0.0013	/	Pass
16QAM	1720	100	0	20	3.5	-2.432	-0.0014	/	Pass
					3.87	-5.178	-0.0030	/	Pass
					4.45	-3.635	-0.0021	/	Pass
				-30	3.87	-0.898	-0.0005	/	Pass
				-20	3.87	-0.551	-0.0003	/	Pass
				-10	3.87	-3.461	-0.0020	/	Pass
				0	3.87	-0.470	-0.0003	/	Pass
				10	3.87	-1.539	-0.0009	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 26 of 263

64QAM	1732.5	100	0	30	3.87	-5.428	-0.0032	/	Pass
				40	3.87	0.956	0.0006	/	Pass
				50	3.87	-1.508	-0.0009	/	Pass
				20	3.5	3.876	0.0022	/	Pass
					3.87	2.437	0.0014	/	Pass
					4.45	3.237	0.0019	/	Pass
				-30	3.87	1.656	0.0010	/	Pass
				-20	3.87	3.846	0.0022	/	Pass
				-10	3.87	2.689	0.0016	/	Pass
				0	3.87	3.943	0.0023	/	Pass
				10	3.87	3.501	0.0020	/	Pass
				30	3.87	4.932	0.0028	/	Pass
				40	3.87	4.444	0.0026	/	Pass
				50	3.87	3.034	0.0018	/	Pass
	1745	100	0	20	3.5	-0.071	0.0000	/	Pass
					3.87	3.984	0.0023	/	Pass
					4.45	1.415	0.0008	/	Pass
				-30	3.87	0.196	0.0001	/	Pass
				-20	3.87	6.333	0.0036	/	Pass
				-10	3.87	2.677	0.0015	/	Pass
				0	3.87	2.495	0.0014	/	Pass
				10	3.87	1.721	0.0010	/	Pass
				30	3.87	4.963	0.0028	/	Pass
				40	3.87	3.154	0.0018	/	Pass
				50	3.87	4.306	0.0025	/	Pass
	1720	100	0	20	3.5	-2.619	-0.0015	/	Pass
					3.87	-0.554	-0.0003	/	Pass
					4.45	-3.329	-0.0019	/	Pass
				-30	3.87	-4.168	-0.0024	/	Pass
				-20	3.87	-2.915	-0.0017	/	Pass
				-10	3.87	-1.959	-0.0011	/	Pass
				0	3.87	-3.354	-0.0020	/	Pass
				10	3.87	-1.138	-0.0007	/	Pass
				30	3.87	0.693	0.0004	/	Pass
				40	3.87	2.260	0.0013	/	Pass
				50	3.87	5.614	0.0033	/	Pass
	1732.5	100	0	20	3.5	1.207	0.0007	/	Pass
					3.87	5.702	0.0033	/	Pass
					4.45	3.875	0.0022	/	Pass
				-30	3.87	5.207	0.0030	/	Pass
				-20	3.87	4.463	0.0026	/	Pass
				-10	3.87	3.057	0.0018	/	Pass
				0	3.87	5.359	0.0031	/	Pass
				10	3.87	0.522	0.0003	/	Pass
				30	3.87	3.587	0.0021	/	Pass
				40	3.87	5.268	0.0030	/	Pass
				50	3.87	3.517	0.0020	/	Pass
	1745	100	0	20	3.5	1.736	0.0010	/	Pass
					3.87	6.617	0.0038	/	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 27 of 263

					4.45	1.074	0.0006	/	Pass
				-30	3.87	4.427	0.0025	/	Pass
				-20	3.87	5.449	0.0031	/	Pass
				-10	3.87	2.821	0.0016	/	Pass
				0	3.87	1.441	0.0008	/	Pass
				10	3.87	-0.486	-0.0003	/	Pass
				30	3.87	4.217	0.0024	/	Pass
				40	3.87	1.570	0.0009	/	Pass
				50	3.87	3.512	0.0020	/	Pass



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3. 99% & 26dB Bandwidth

3.1 Band4_OBW

3.1.1 Test Result

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.119	/	Pass
		1732.5	6	0	1.108	/	Pass
		1754.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.103	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.121	/	Pass
	64QAM	1710.7	6	0	1.120	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.115	/	Pass
3	QPSK	1711.5	15	0	2.736	/	Pass
		1732.5	15	0	2.753	/	Pass
		1753.5	15	0	2.734	/	Pass
	16QAM	1711.5	15	0	2.737	/	Pass
		1732.5	15	0	2.735	/	Pass
		1753.5	15	0	2.729	/	Pass
	64QAM	1711.5	15	0	2.740	/	Pass
		1732.5	15	0	2.726	/	Pass
		1753.5	15	0	2.732	/	Pass
5	QPSK	1712.5	25	0	4.570	/	Pass
		1732.5	25	0	4.547	/	Pass
		1752.5	25	0	4.551	/	Pass
	16QAM	1712.5	25	0	4.549	/	Pass
		1732.5	25	0	4.573	/	Pass
		1752.5	25	0	4.563	/	Pass
	64QAM	1712.5	25	0	4.546	/	Pass
		1732.5	25	0	4.559	/	Pass
		1752.5	25	0	4.545	/	Pass
10	QPSK	1715	50	0	9.046	/	Pass
		1732.5	50	0	9.062	/	Pass
		1750	50	0	9.069	/	Pass
	16QAM	1715	50	0	9.065	/	Pass
		1732.5	50	0	9.062	/	Pass
		1750	50	0	9.078	/	Pass
	64QAM	1715	50	0	9.068	/	Pass
		1732.5	50	0	9.075	/	Pass
		1750	50	0	9.046	/	Pass
15	QPSK	1717.5	75	0	13.569	/	Pass
		1732.5	75	0	13.566	/	Pass
		1747.5	75	0	13.589	/	Pass



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Rev.: 01

Page: 29 of 263

20	16QAM	1717.5	75	0	13.546	/	Pass
		1732.5	75	0	13.617	/	Pass
		1747.5	75	0	13.619	/	Pass
	64QAM	1717.5	75	0	13.567	/	Pass
		1732.5	75	0	13.596	/	Pass
		1747.5	75	0	13.611	/	Pass
	QPSK	1720	100	0	18.097	/	Pass
		1732.5	100	0	18.169	/	Pass
		1745	100	0	18.153	/	Pass
20	16QAM	1720	100	0	18.093	/	Pass
		1732.5	100	0	18.097	/	Pass
		1745	100	0	18.128	/	Pass
	64QAM	1720	100	0	18.017	/	Pass
		1732.5	100	0	18.147	/	Pass
		1745	100	0	18.114	/	Pass



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3.2 Band4_XDB

3.2.1 Test Result

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.330	/	Pass
		1732.5	6	0	1.315	/	Pass
		1754.3	6	0	1.333	/	Pass
	16QAM	1710.7	6	0	1.313	/	Pass
		1732.5	6	0	1.324	/	Pass
		1754.3	6	0	1.343	/	Pass
	64QAM	1710.7	6	0	1.333	/	Pass
		1732.5	6	0	1.320	/	Pass
		1754.3	6	0	1.336	/	Pass
3	QPSK	1711.5	15	0	3.026	/	Pass
		1732.5	15	0	3.031	/	Pass
		1753.5	15	0	3.030	/	Pass
	16QAM	1711.5	15	0	3.038	/	Pass
		1732.5	15	0	3.032	/	Pass
		1753.5	15	0	3.036	/	Pass
	64QAM	1711.5	15	0	3.021	/	Pass
		1732.5	15	0	3.026	/	Pass
		1753.5	15	0	3.019	/	Pass
5	QPSK	1712.5	25	0	5.111	/	Pass
		1732.5	25	0	5.041	/	Pass
		1752.5	25	0	5.082	/	Pass
	16QAM	1712.5	25	0	5.025	/	Pass
		1732.5	25	0	5.090	/	Pass
		1752.5	25	0	5.046	/	Pass
	64QAM	1712.5	25	0	5.072	/	Pass
		1732.5	25	0	5.070	/	Pass
		1752.5	25	0	5.057	/	Pass
10	QPSK	1715	50	0	10.032	/	Pass
		1732.5	50	0	9.974	/	Pass
		1750	50	0	9.961	/	Pass
	16QAM	1715	50	0	10.039	/	Pass
		1732.5	50	0	9.948	/	Pass
		1750	50	0	10.014	/	Pass
	64QAM	1715	50	0	9.872	/	Pass
		1732.5	50	0	9.984	/	Pass
		1750	50	0	9.897	/	Pass
15	QPSK	1717.5	75	0	14.882	/	Pass
		1732.5	75	0	14.906	/	Pass
		1747.5	75	0	14.997	/	Pass
	16QAM	1717.5	75	0	14.987	/	Pass
		1732.5	75	0	14.977	/	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 31 of 263

	64QAM	1747.5	75	0	14.875	/	Pass
		1717.5	75	0	14.841	/	Pass
		1732.5	75	0	14.959	/	Pass
		1747.5	75	0	14.970	/	Pass
20	QPSK	1720	100	0	19.878	/	Pass
		1732.5	100	0	19.808	/	Pass
		1745	100	0	19.936	/	Pass
	16QAM	1720	100	0	19.771	/	Pass
		1732.5	100	0	19.820	/	Pass
		1745	100	0	19.677	/	Pass
	64QAM	1720	100	0	19.754	/	Pass
		1732.5	100	0	19.850	/	Pass
		1745	100	0	19.686	/	Pass



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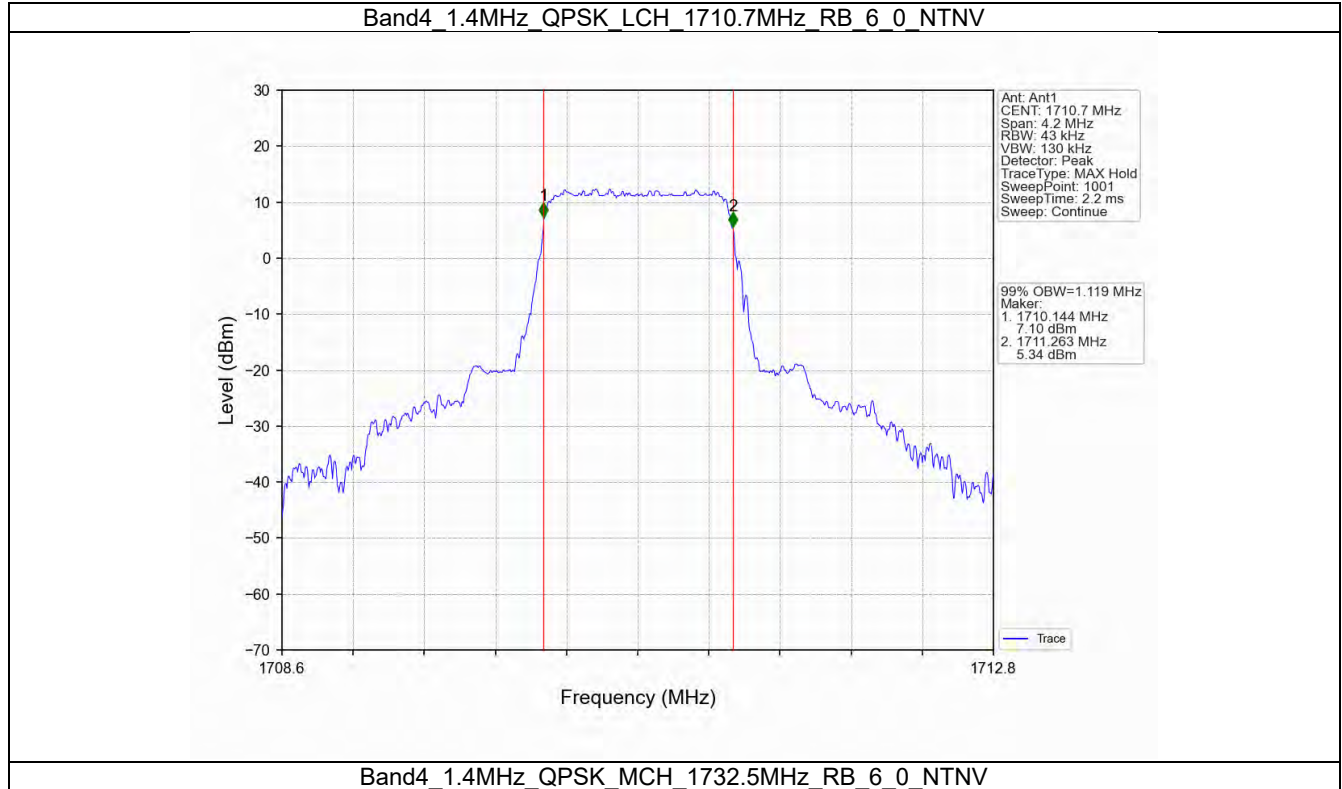
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3.1 Band4_OBW

3.1.2 Test Graph



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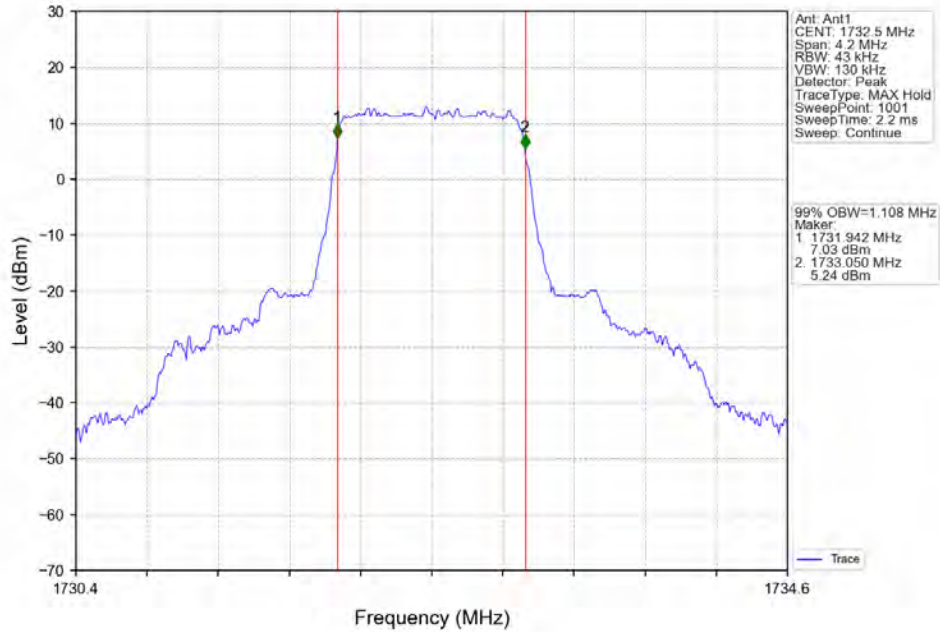
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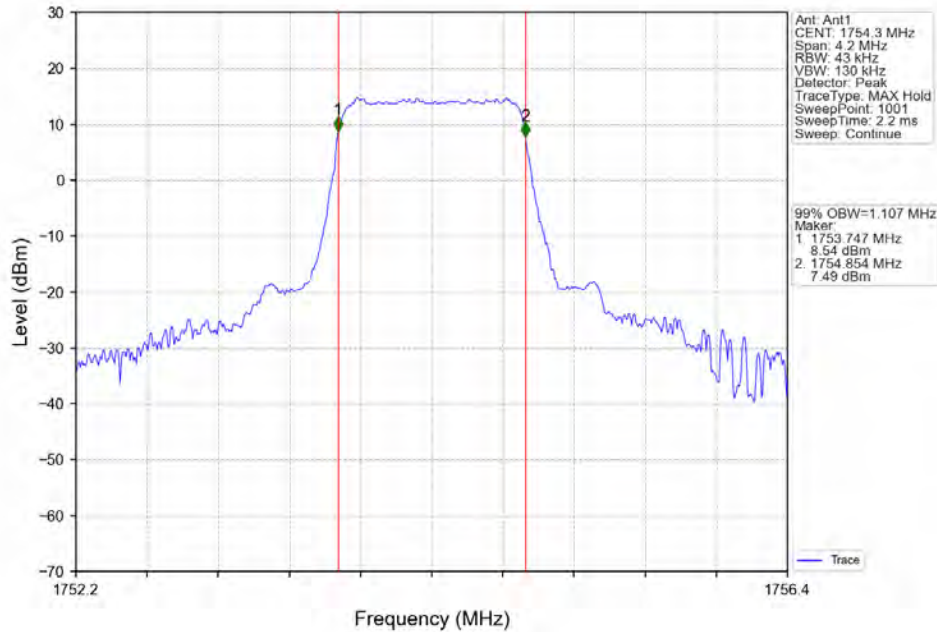
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Report No.: SUCR240200003402

Rev.: 01

Page: 34 of 263

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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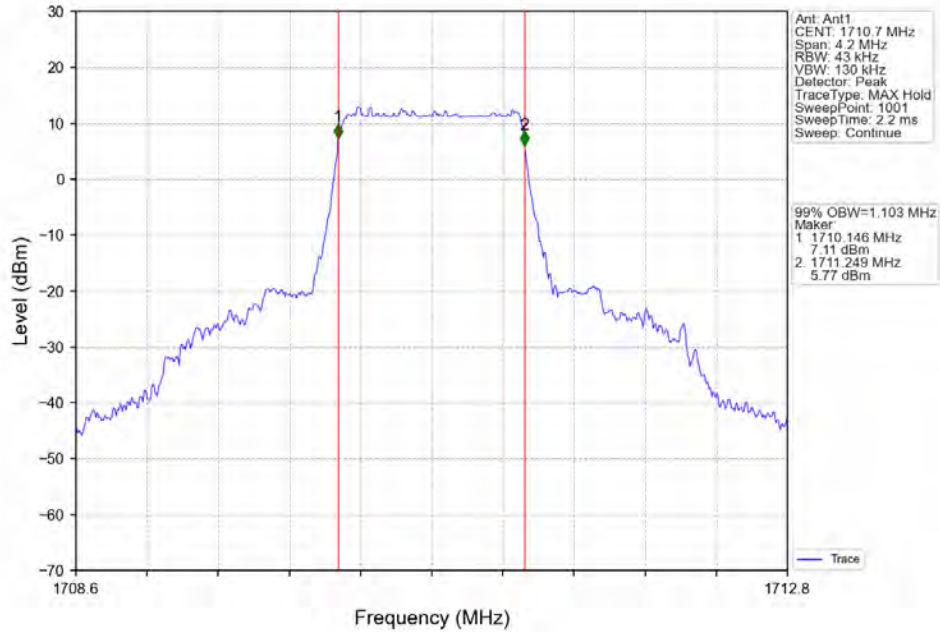
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Report No.: SUCR240200003402

Rev.: 01

Page: 35 of 263



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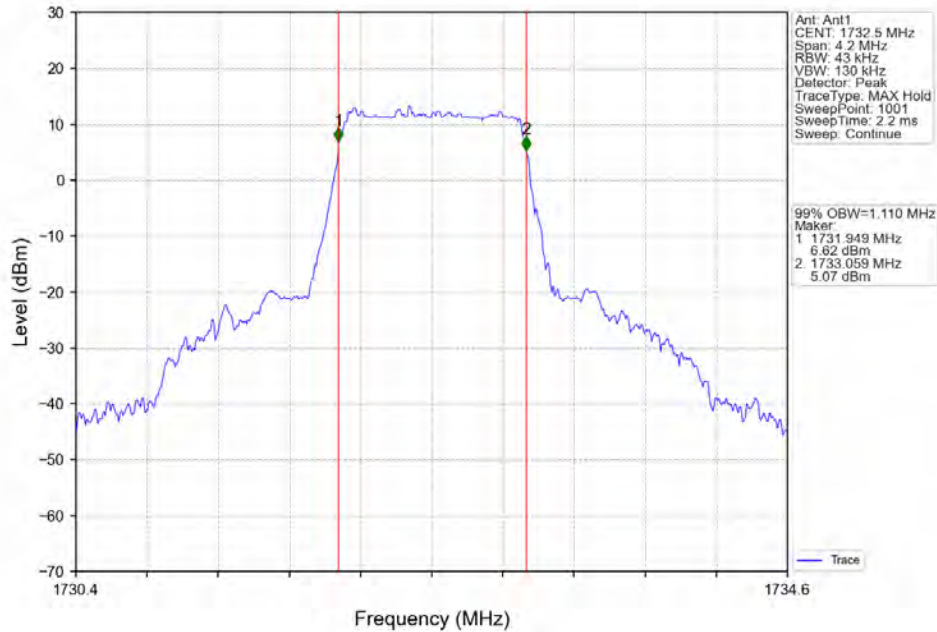
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Report No.: SUCR240200003402

Rev.: 01

Page: 36 of 263

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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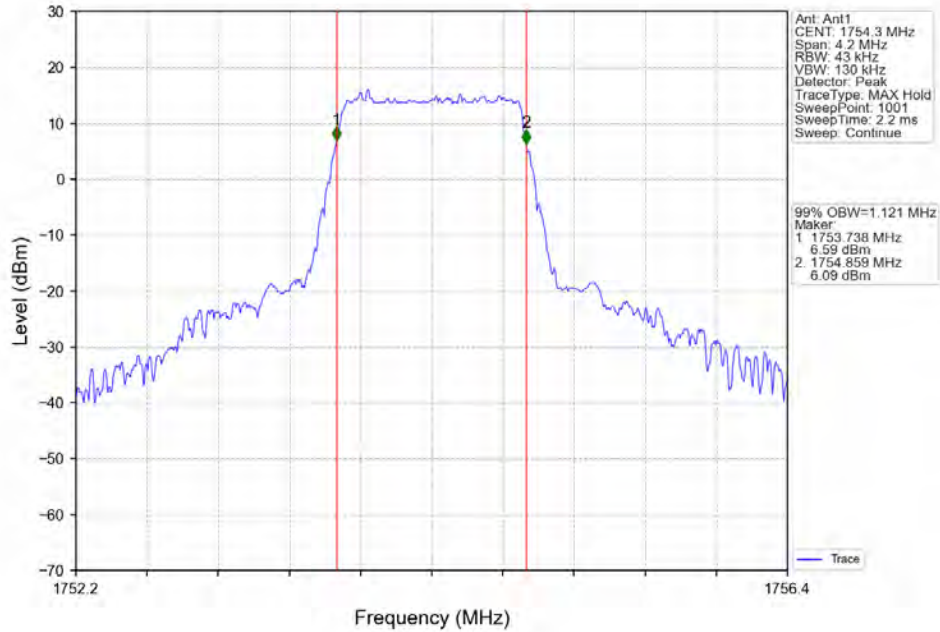
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Report No.: SUCR240200003402

Rev.: 01

Page: 37 of 263



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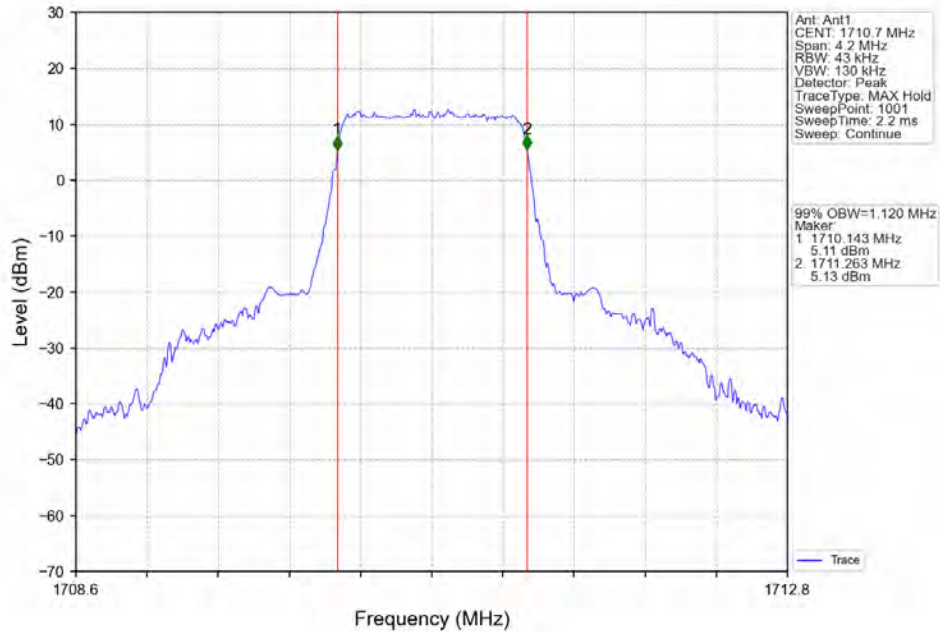
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Report No.: SUCR240200003402

Rev.: 01

Page: 38 of 263

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



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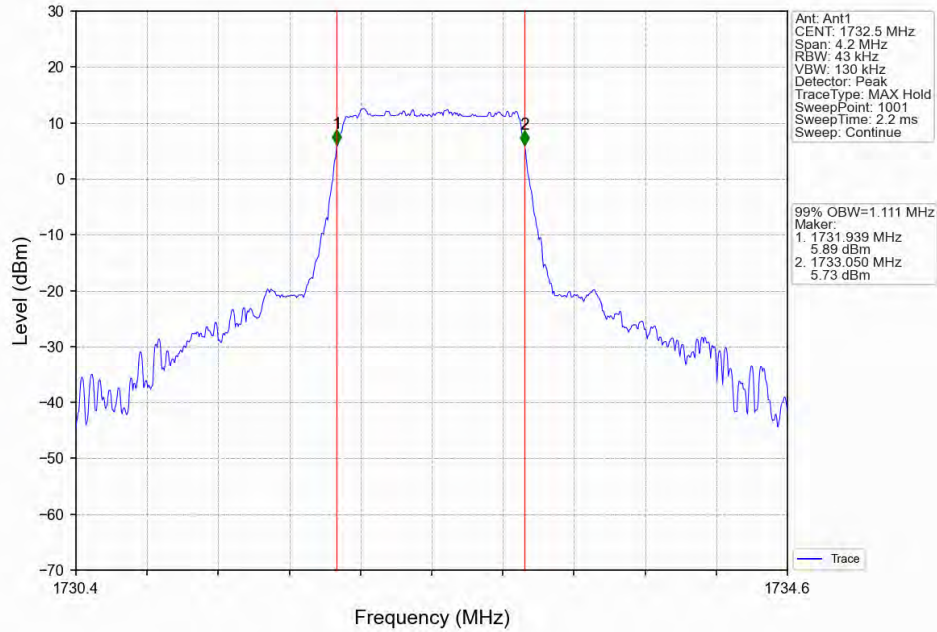
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Page: 39 of 263



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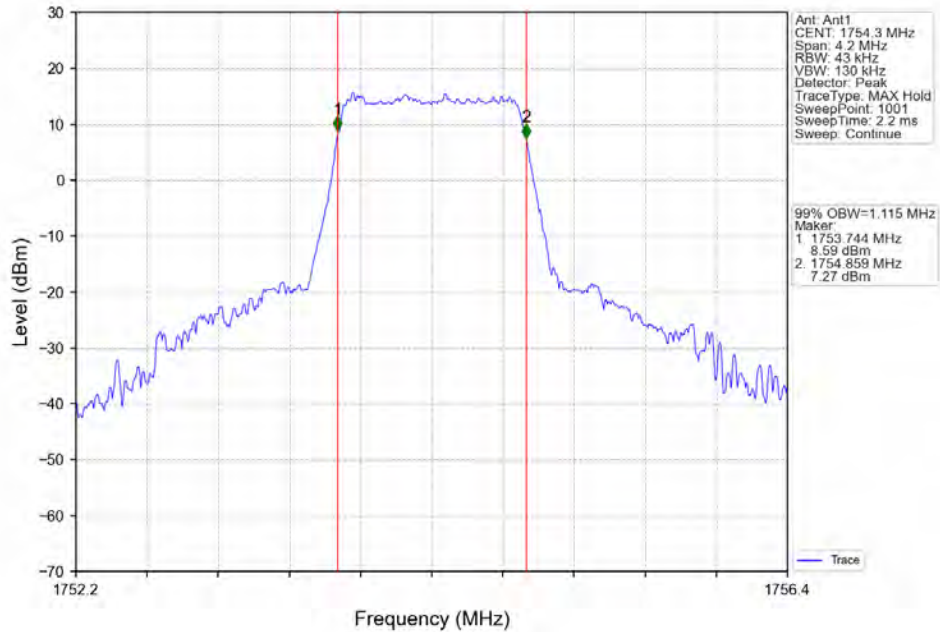
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Report No.: SUCR240200003402

Rev.: 01

Page: 40 of 263

Band4 1.4MHz 64QAM HCH 1754.3MHz_RB_6_0 NTN



Band4 3MHz QPSK LCH 1711.5MHz_RB_15_0 NTN



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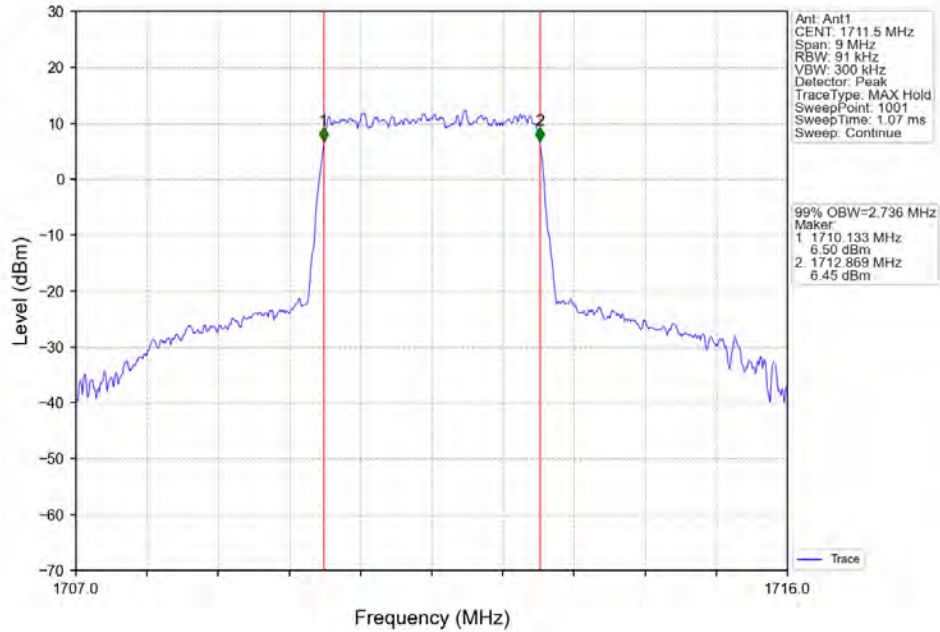
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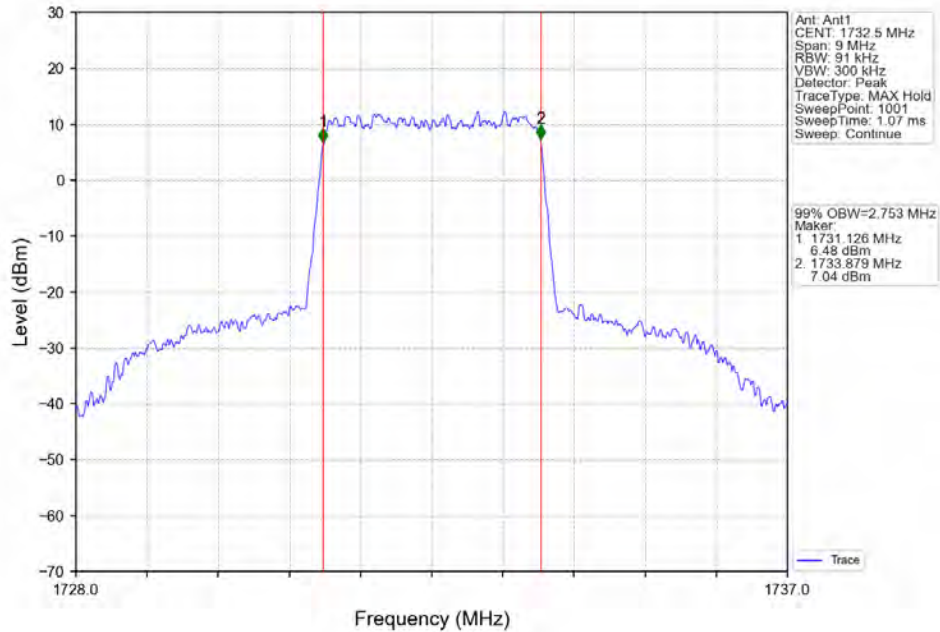
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Rev.: 01

Page: 42 of 263

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



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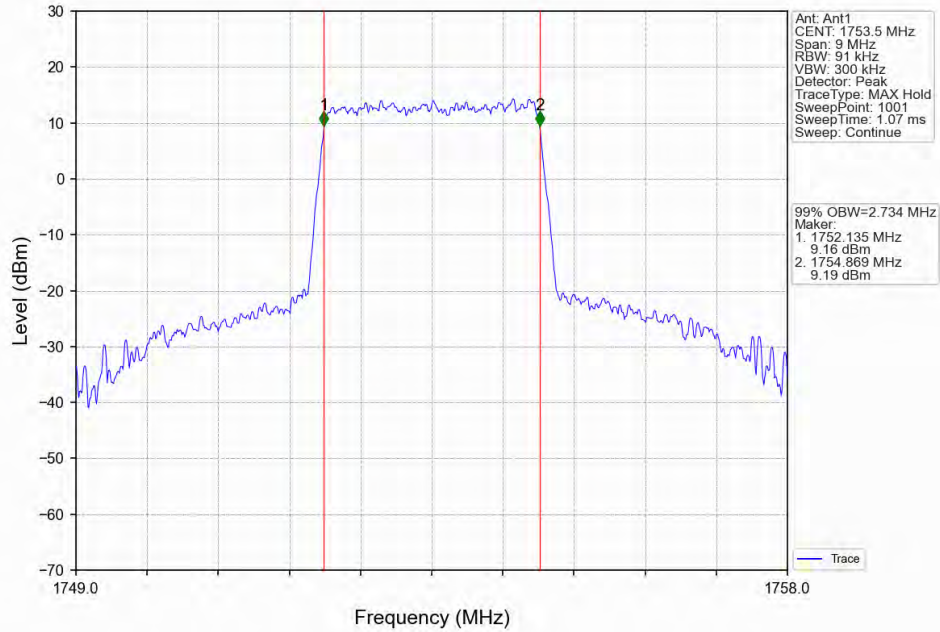
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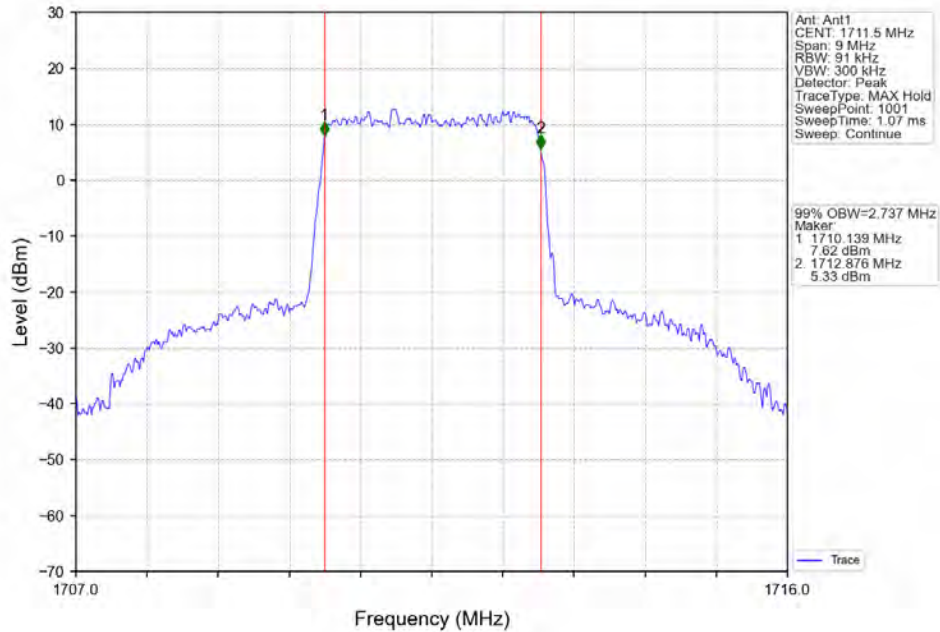
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Report No.: SUCR240200003402

Rev.: 01

Page: 44 of 263

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



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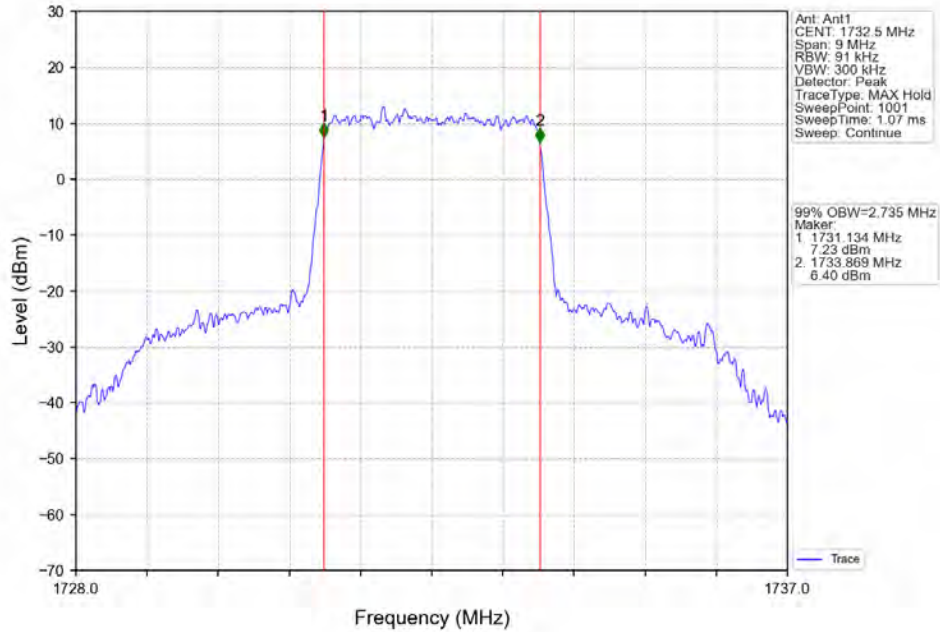
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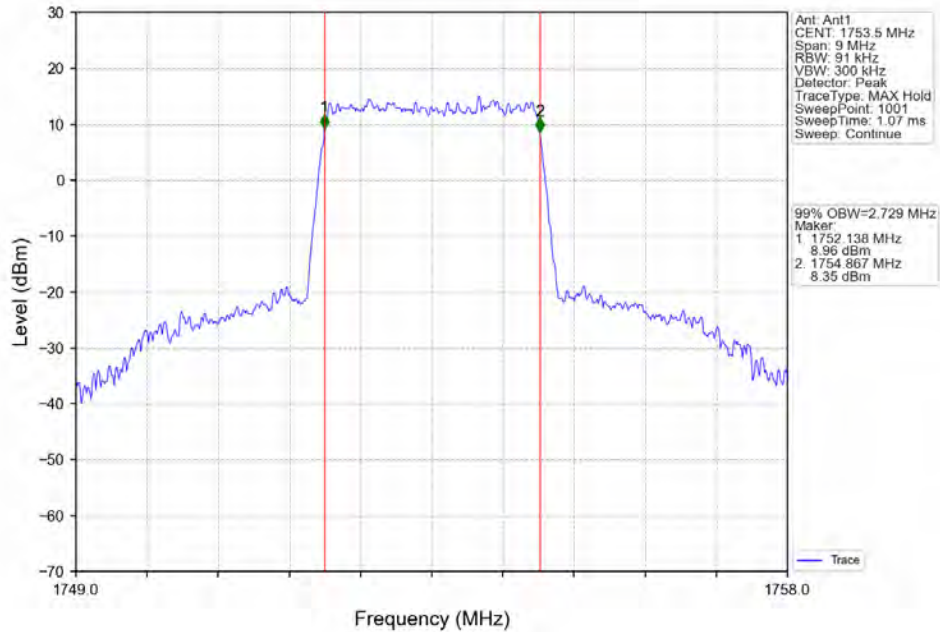
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Report No.: SUCR240200003402

Rev.: 01

Page: 46 of 263

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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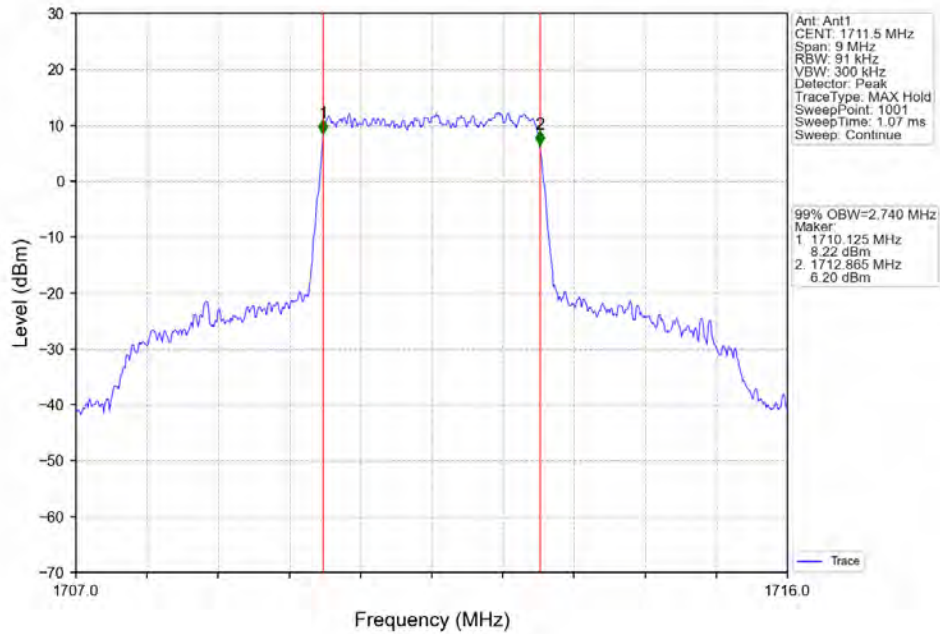
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Rev.: 01

Page: 47 of 263



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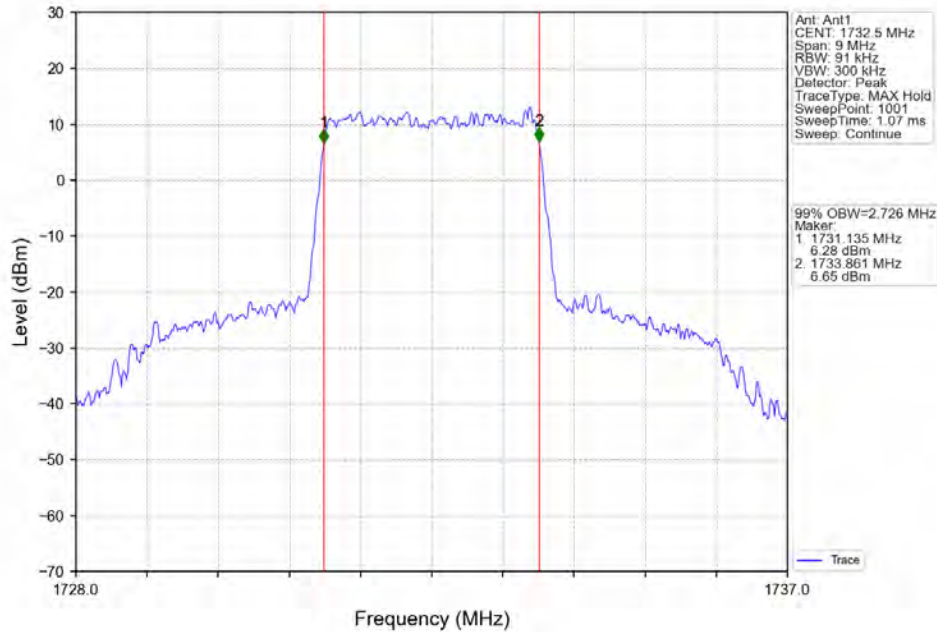
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Report No.: SUCR240200003402

Rev.: 01

Page: 48 of 263

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



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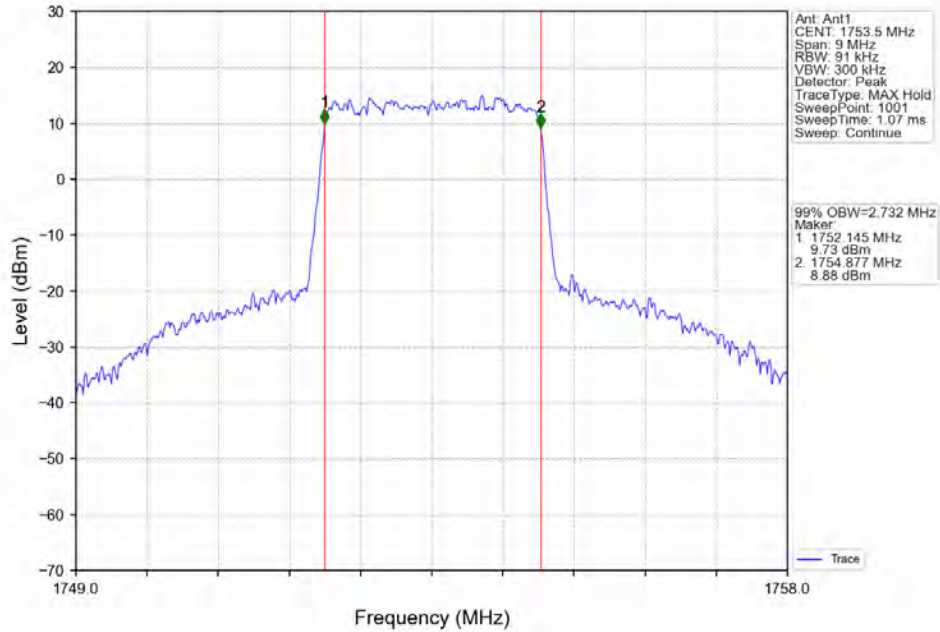
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Report No.: SUCR240200003402

Rev.: 01

Page: 49 of 263



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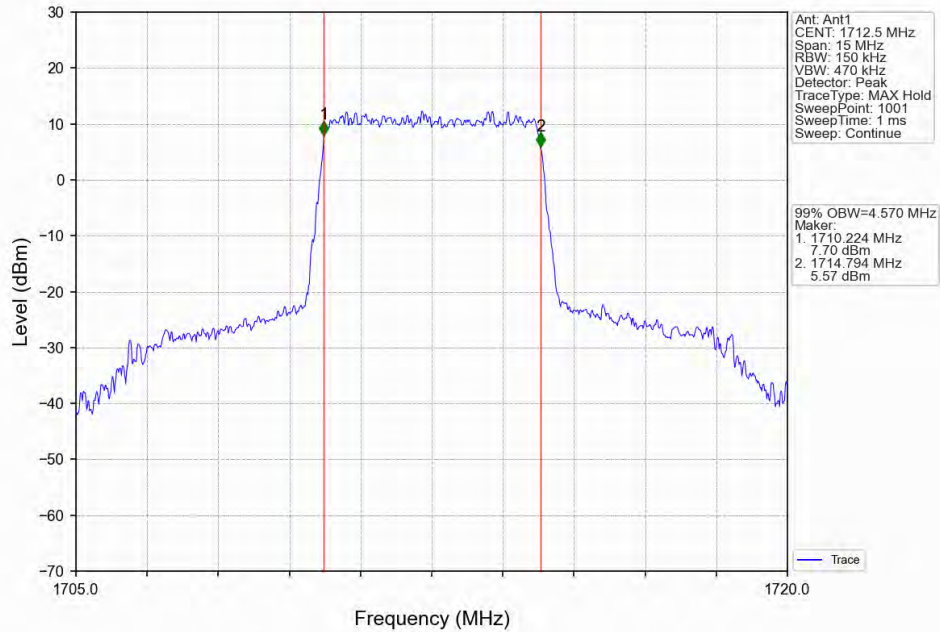
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Report No.: SUCR240200003402

Rev.: 01

Page: 50 of 263

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



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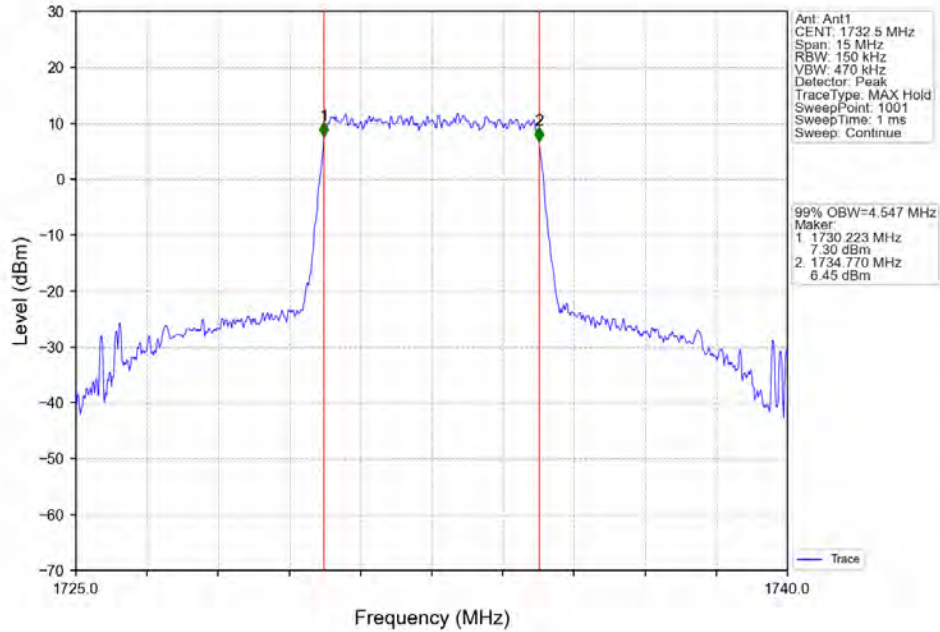
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Report No.: SUCR240200003402

Rev.: 01

Page: 51 of 263



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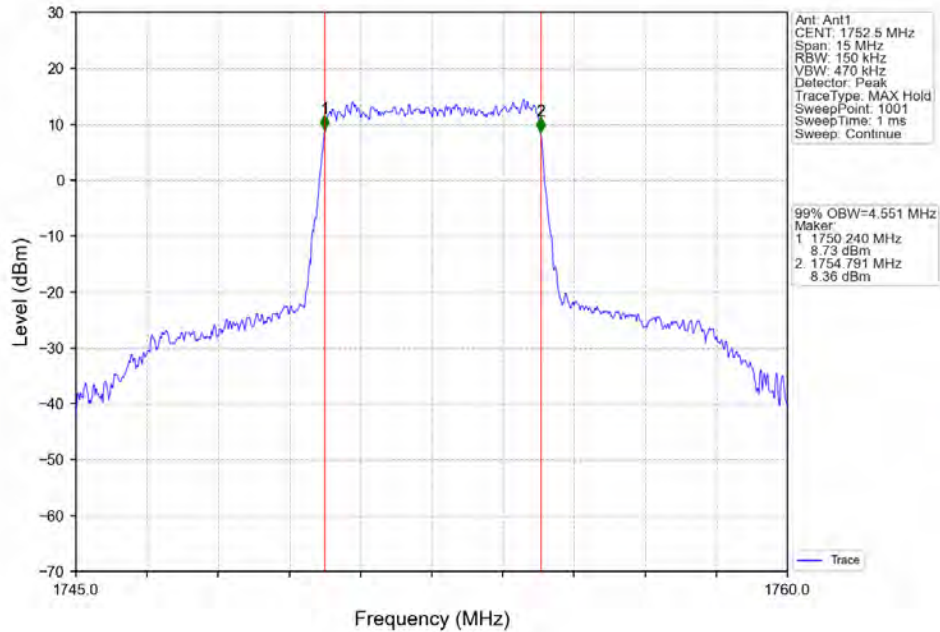
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Report No.: SUCR240200003402

Rev.: 01

Page: 52 of 263

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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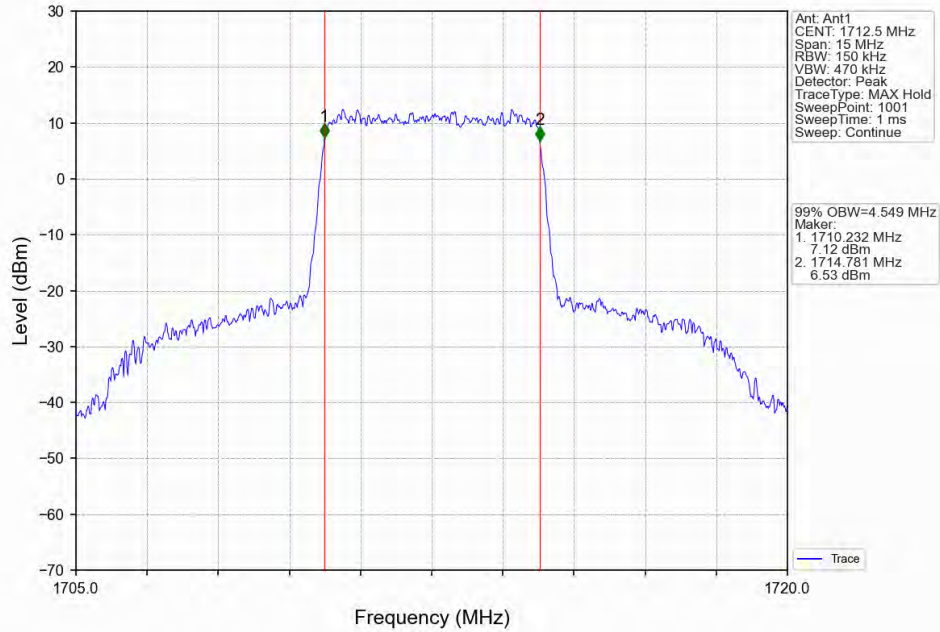
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Page: 53 of 263



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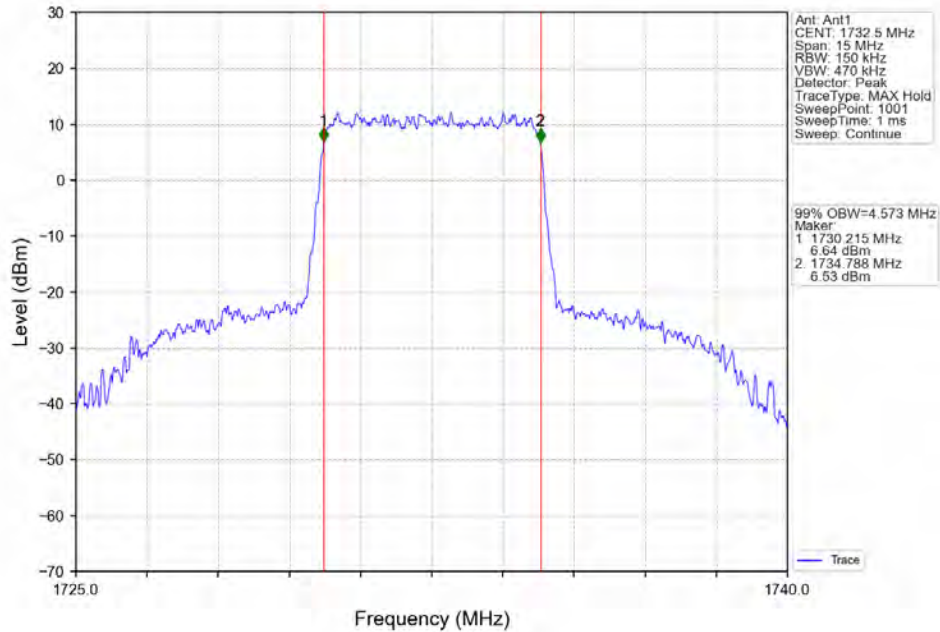
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Report No.: SUCR240200003402

Rev.: 01

Page: 54 of 263

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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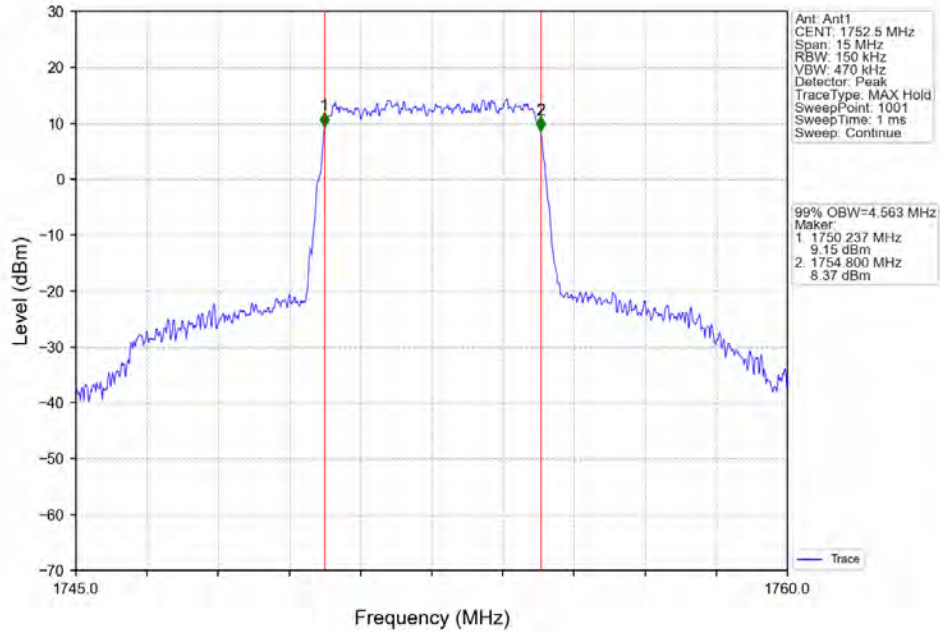
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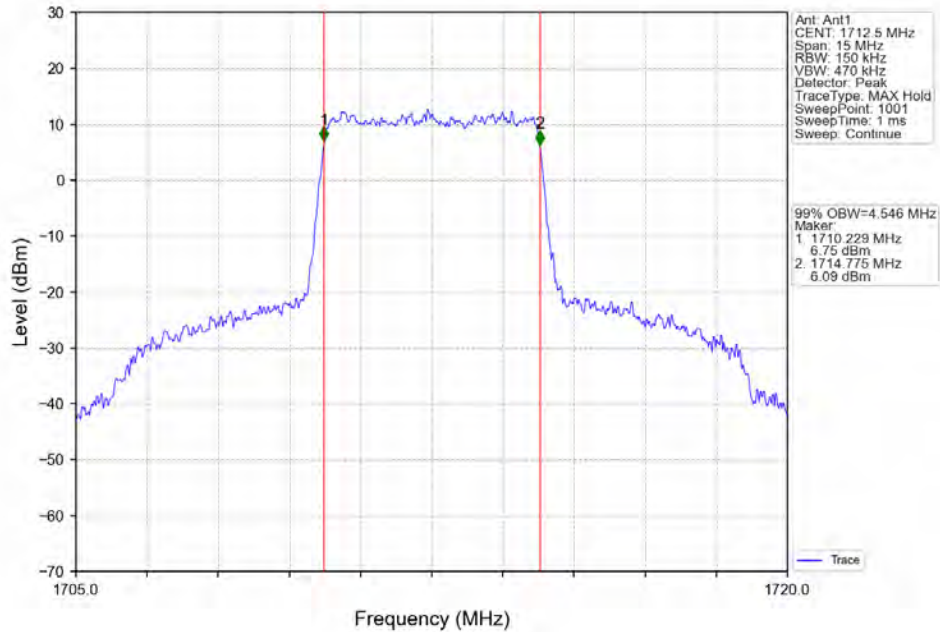
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Report No.: SUCR240200003402

Rev.: 01

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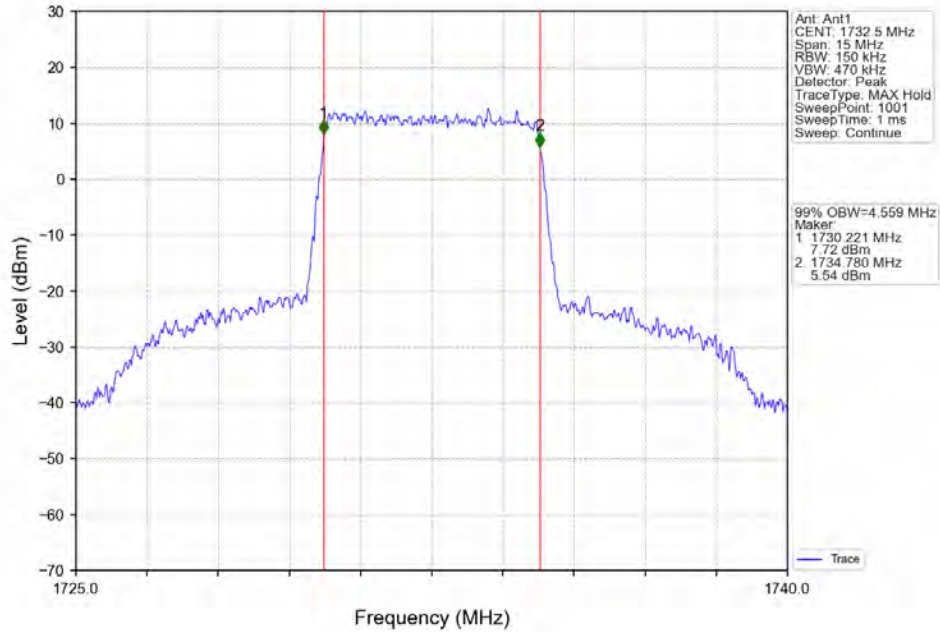
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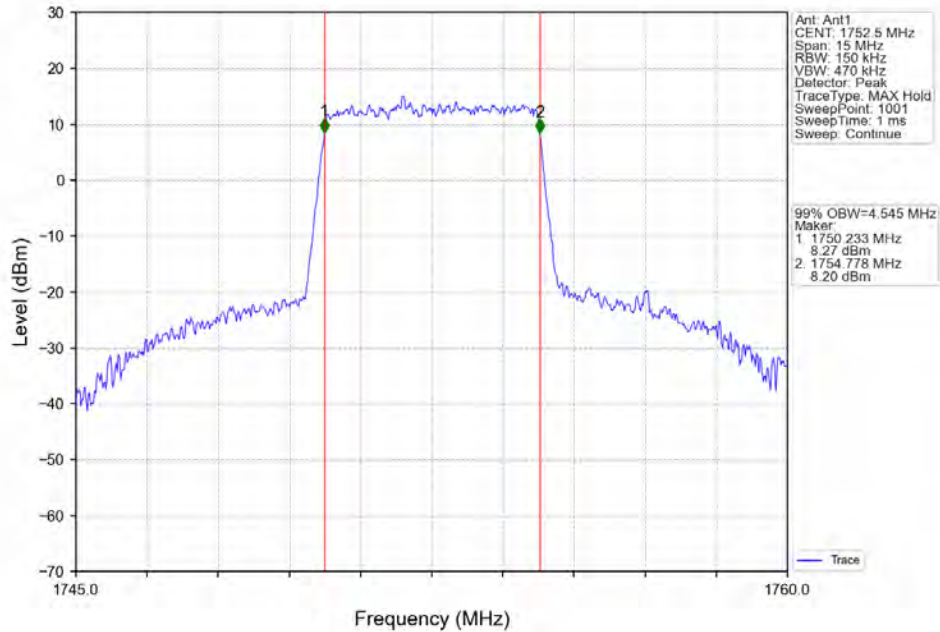
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Report No.: SUCR240200003402

Rev.: 01

Page: 58 of 263

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Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



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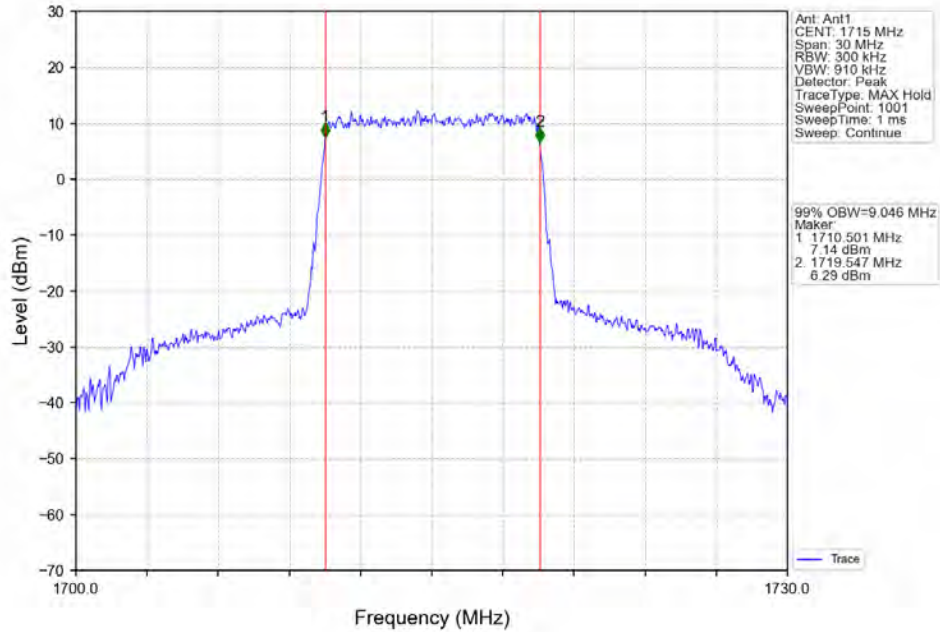
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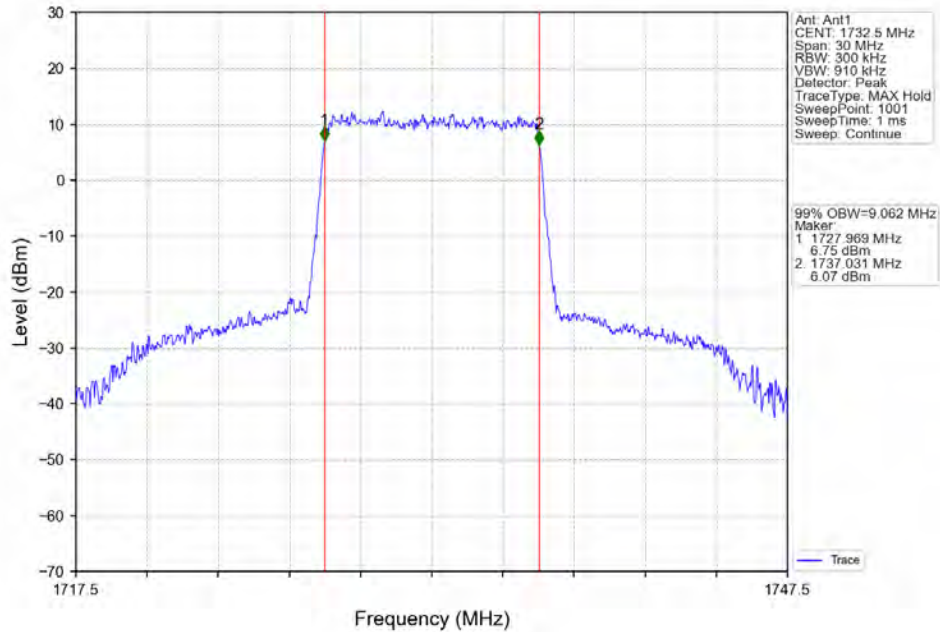
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Report No.: SUCR240200003402

Rev.: 01

Page: 60 of 263

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Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



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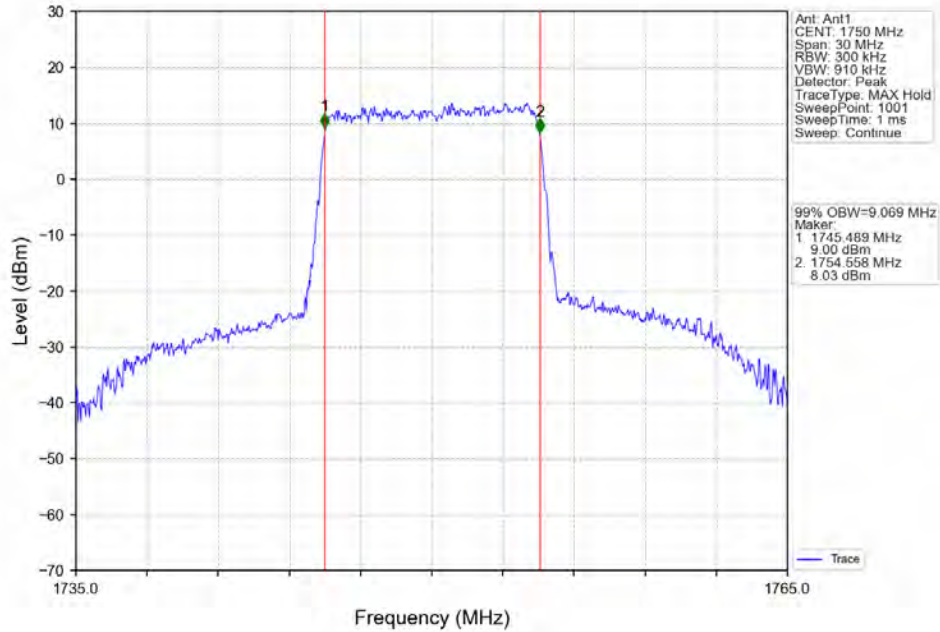
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Report No.: SUCR240200003402

Rev.: 01

Page: 61 of 263



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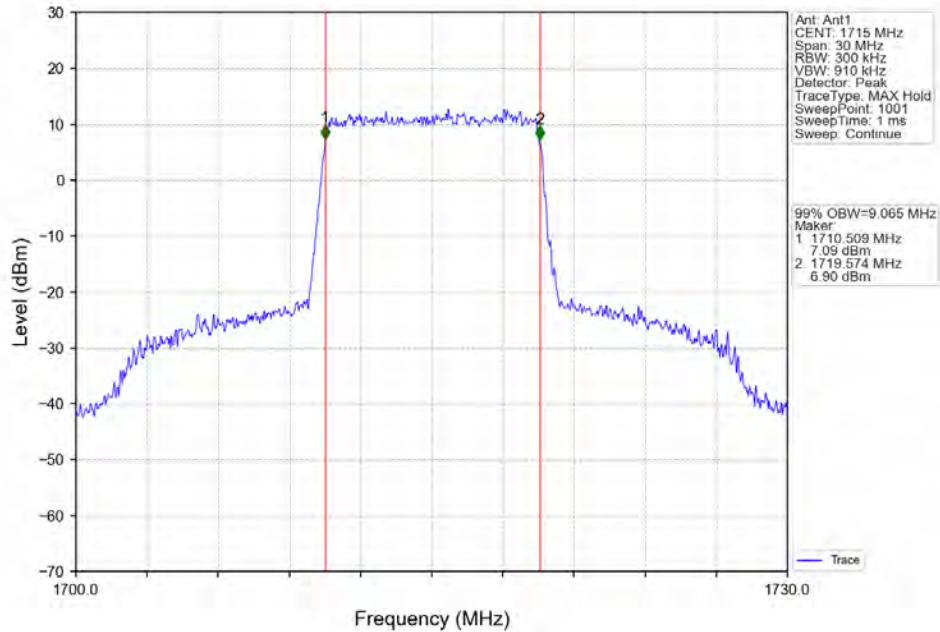
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Report No.: SUCR240200003402

Rev.: 01

Page: 62 of 263

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



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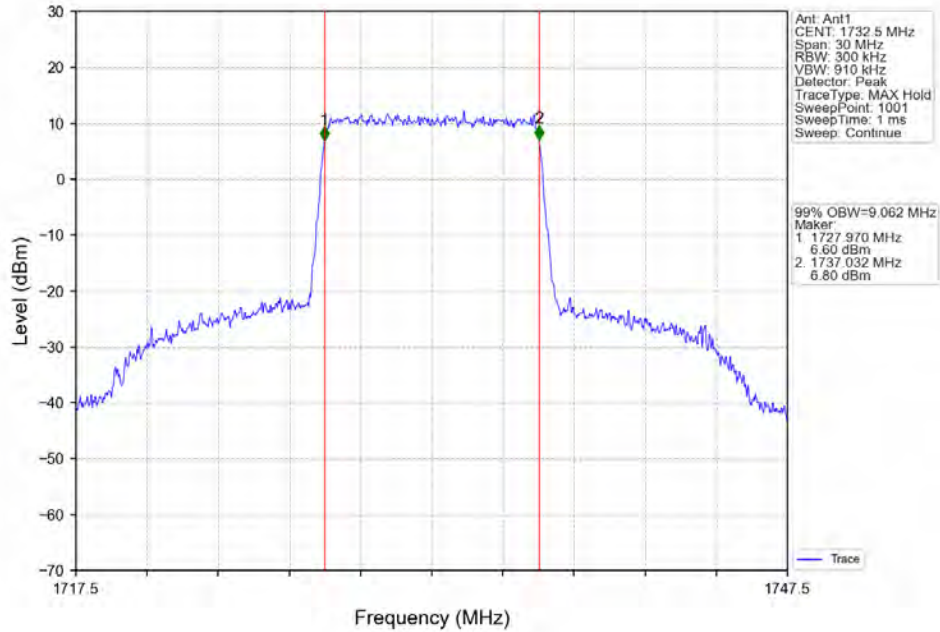
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Report No.: SUCR240200003402

Rev.: 01

Page: 63 of 263



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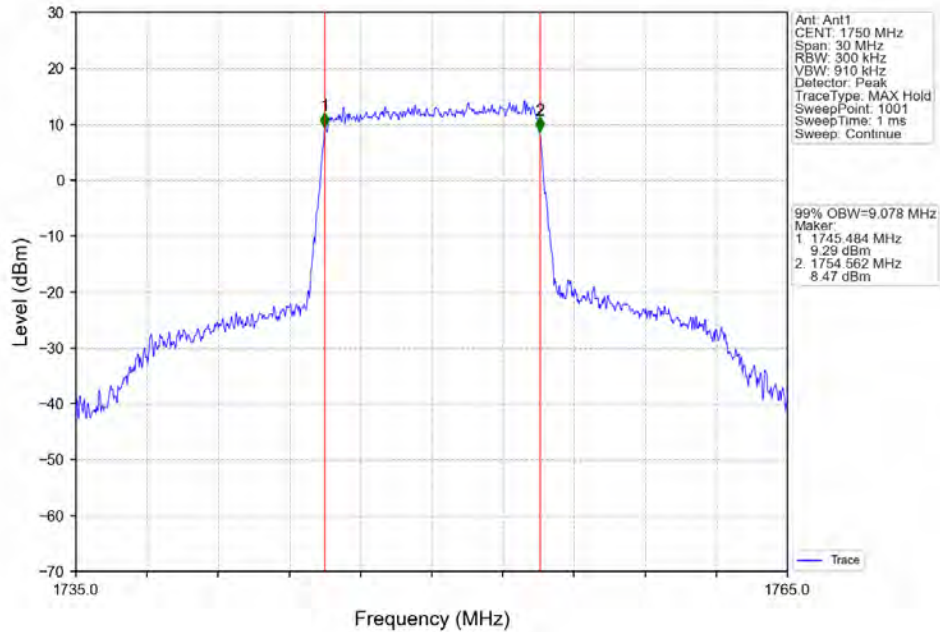
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Report No.: SUCR240200003402

Rev.: 01

Page: 64 of 263

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



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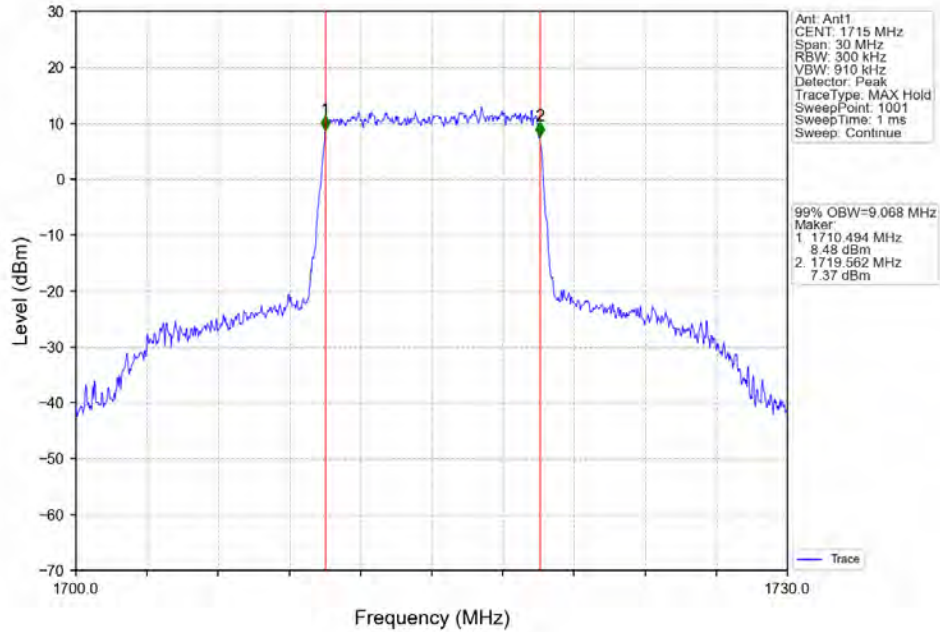
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Report No.: SUCR240200003402

Rev.: 01

Page: 65 of 263



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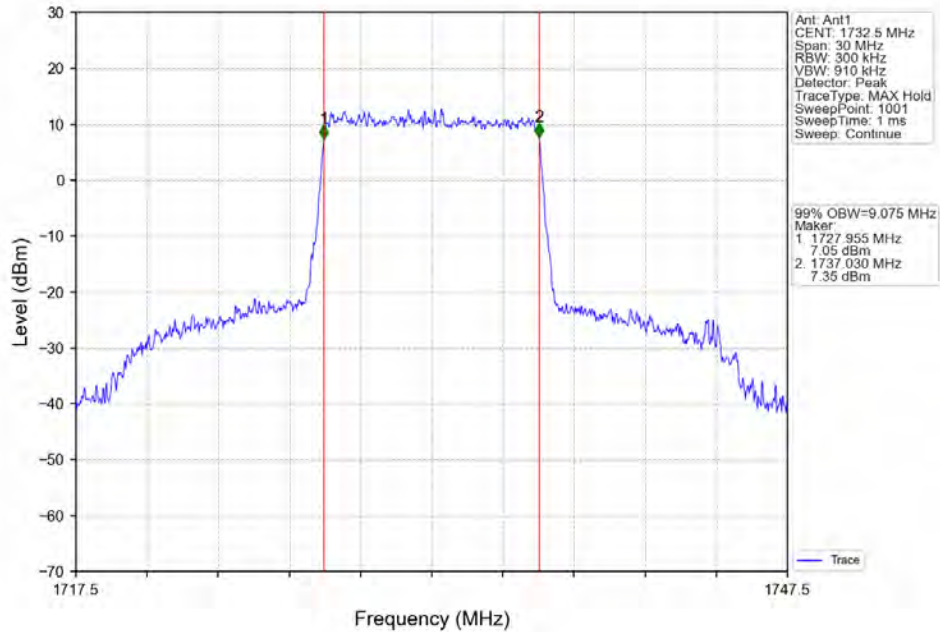
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Report No.: SUCR240200003402

Rev.: 01

Page: 66 of 263

Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



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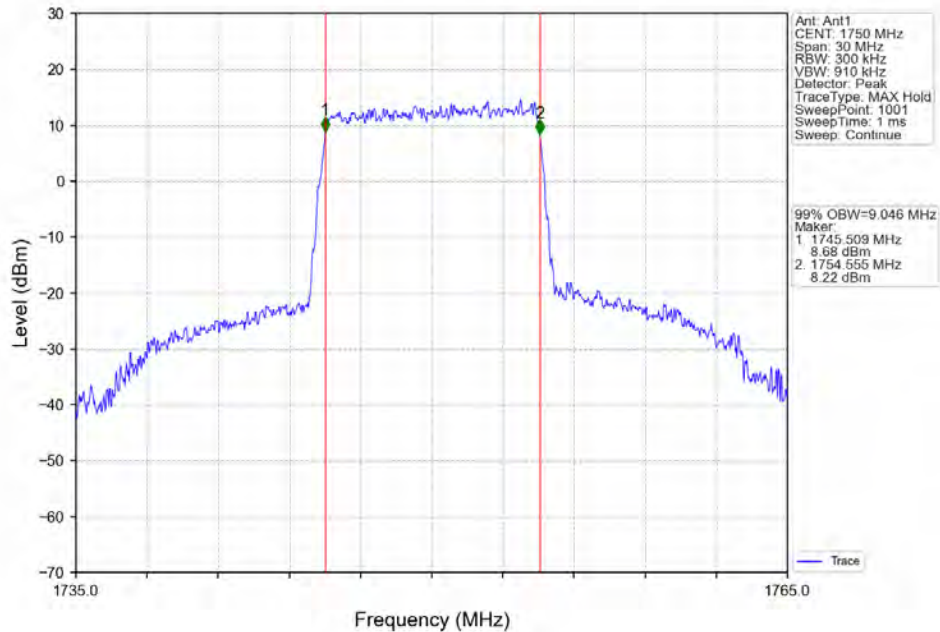
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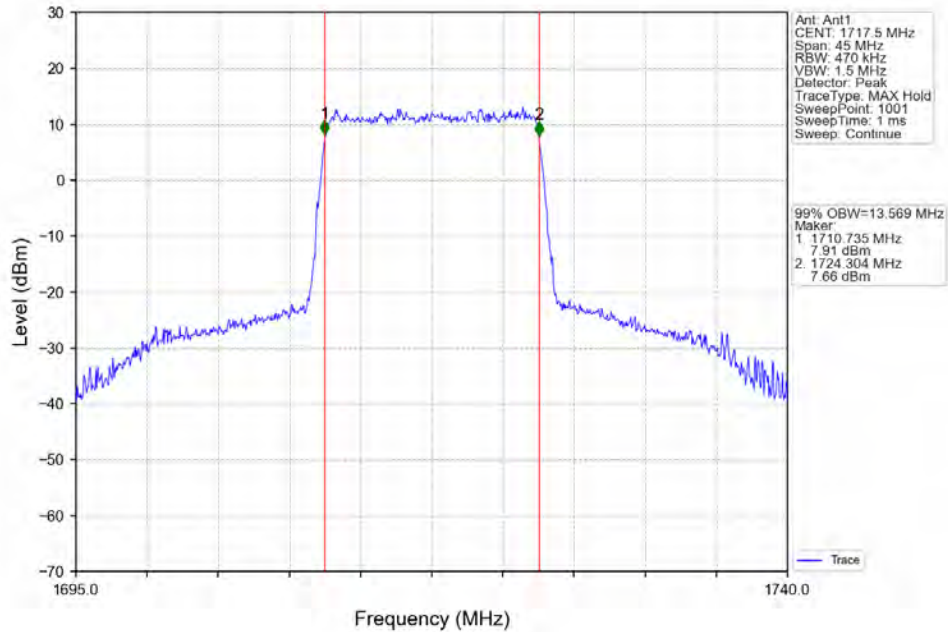
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Rev.: 01

Page: 68 of 263

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



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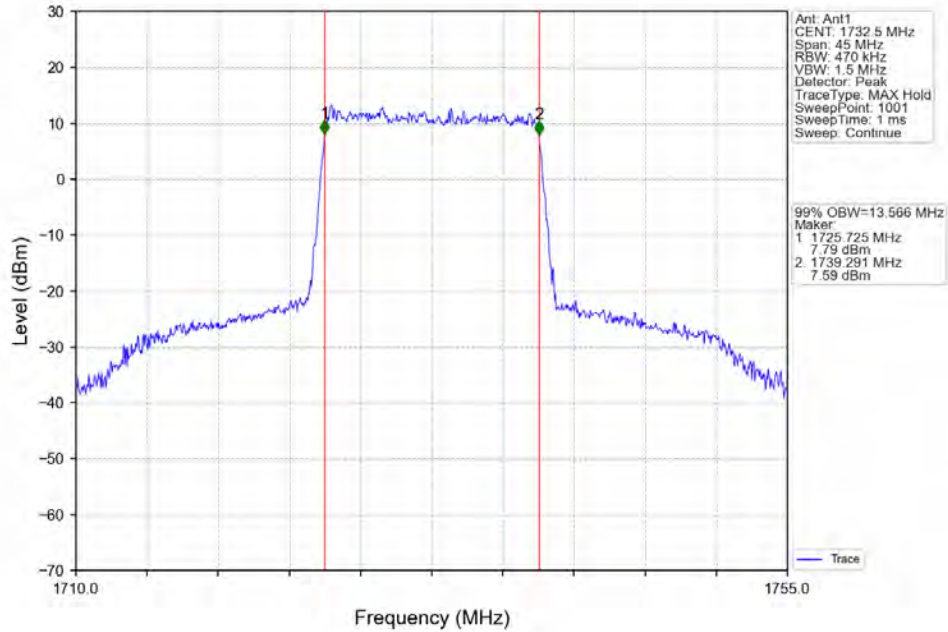
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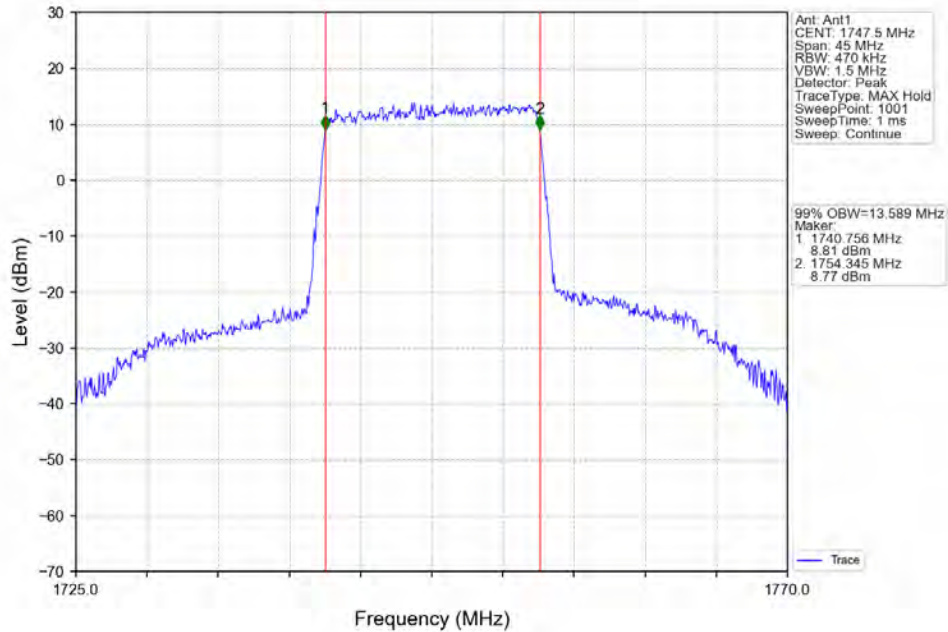
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Report No.: SUCR240200003402

Rev.: 01

Page: 70 of 263

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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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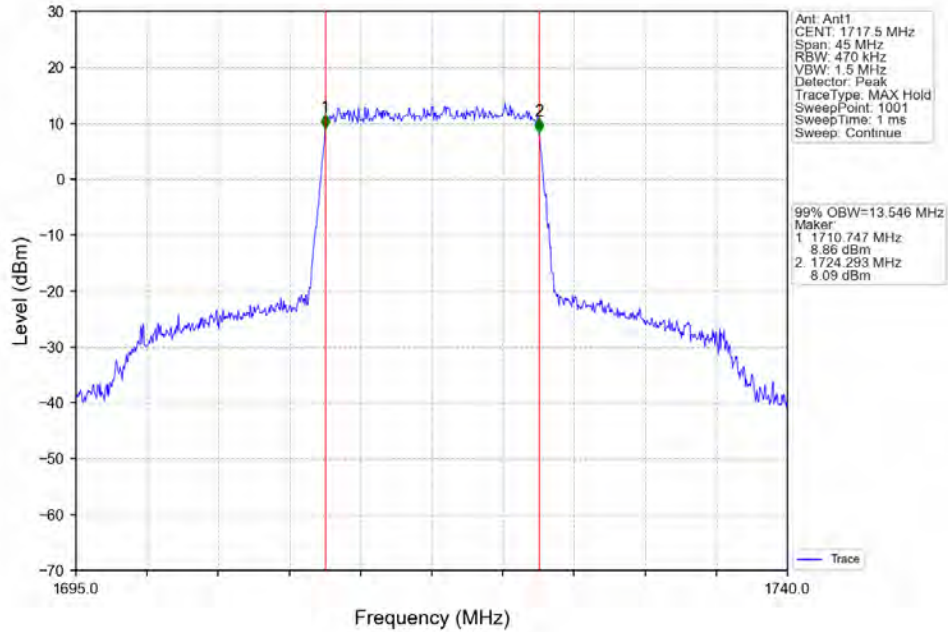
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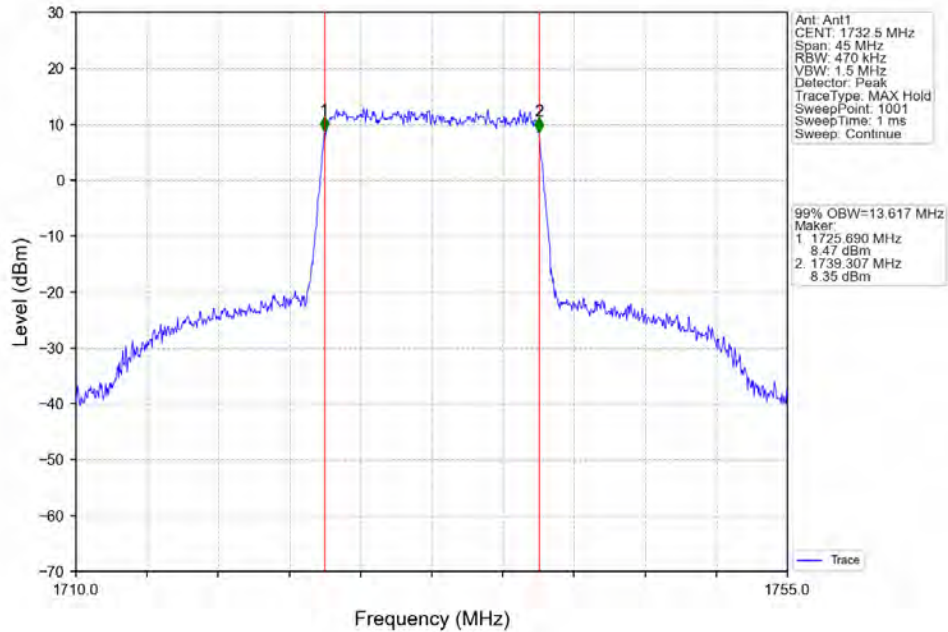
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Report No.: SUCR240200003402

Rev.: 01

Page: 72 of 263

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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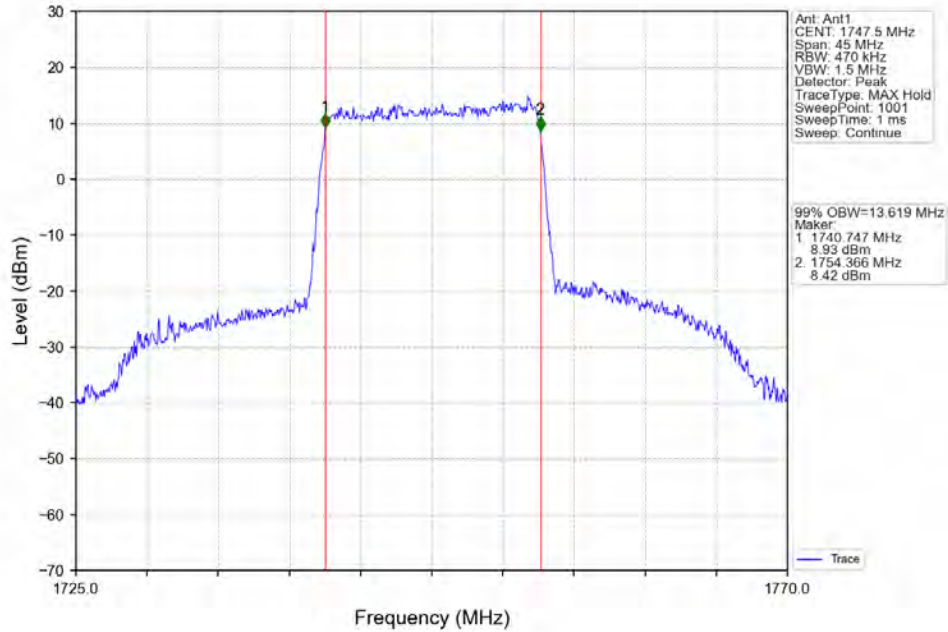
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Rev.: 01

Page: 73 of 263



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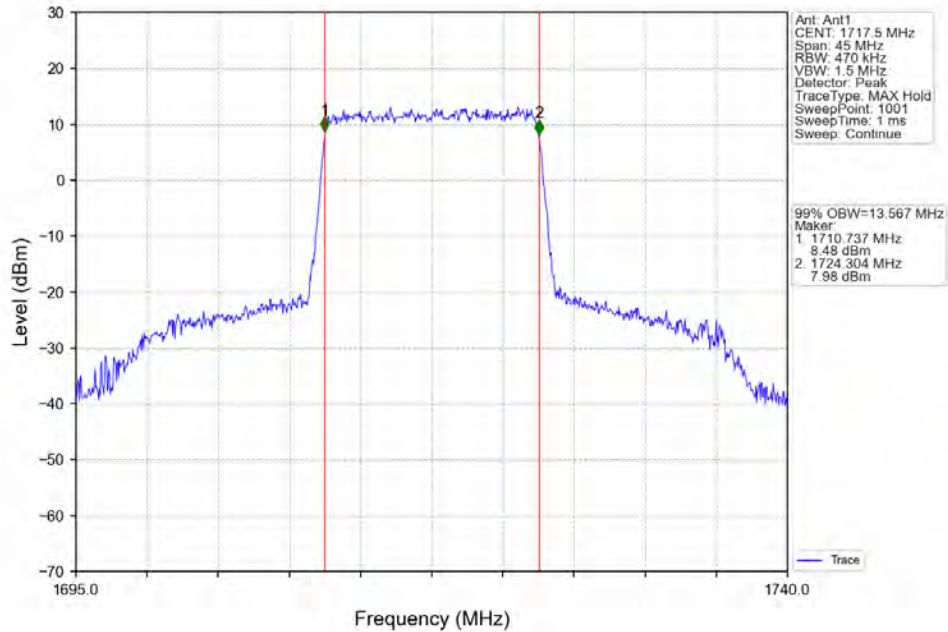
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Report No.: SUCR240200003402

Rev.: 01

Page: 74 of 263

Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



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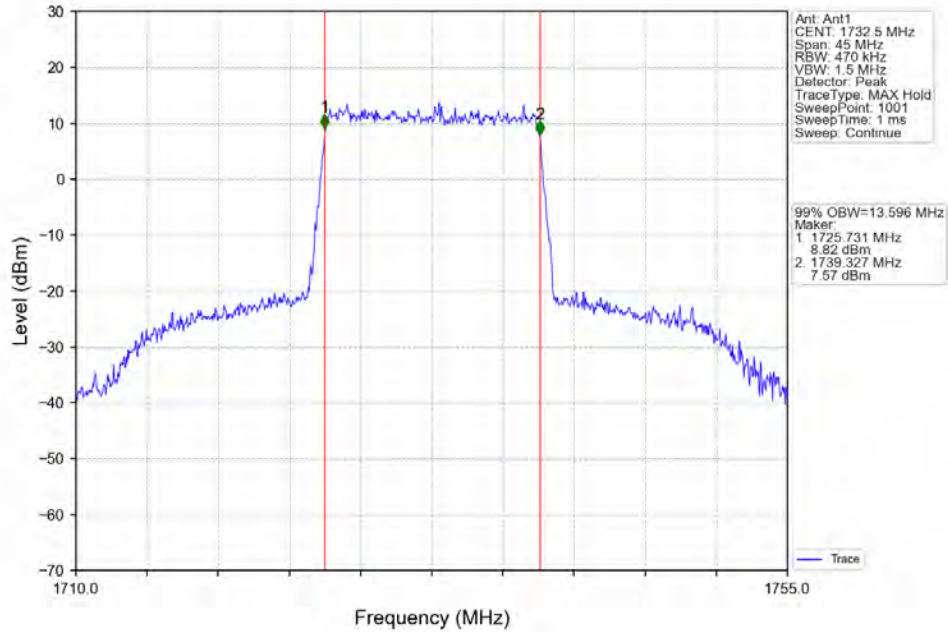
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Report No.: SUCR240200003402

Rev.: 01

Page: 75 of 263



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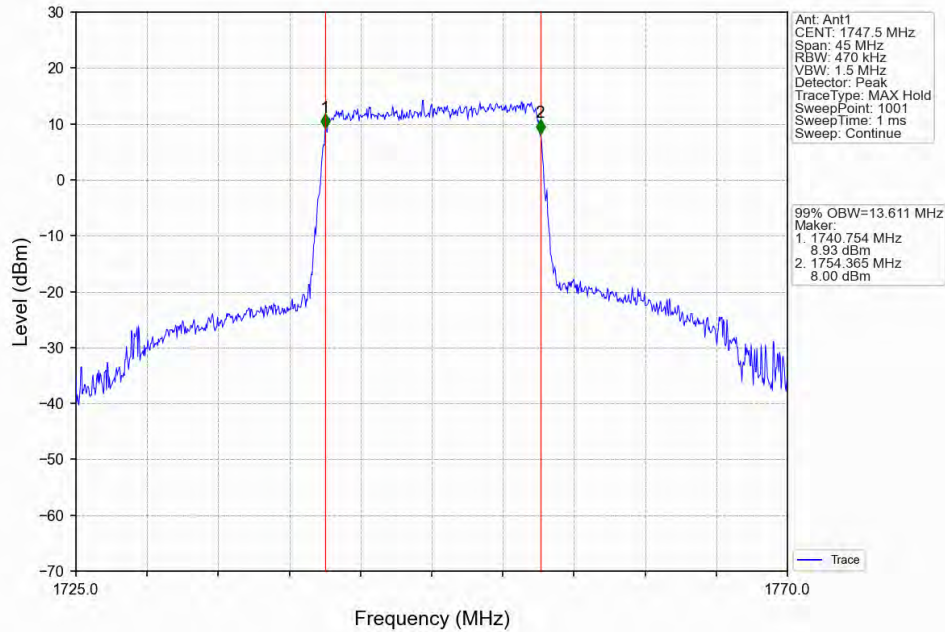
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Report No.: SUCR240200003402

Rev.: 01

Page: 76 of 263

Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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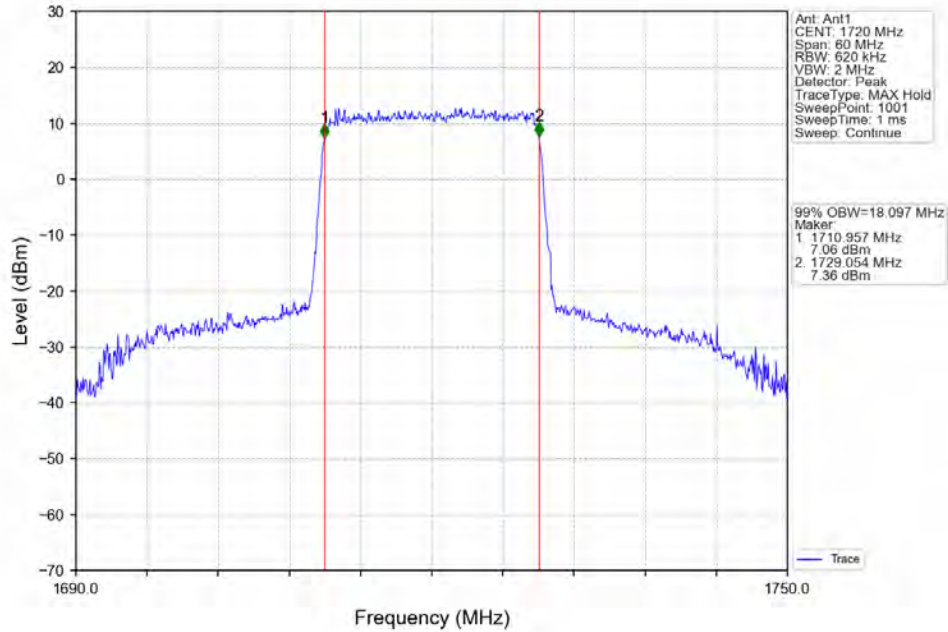
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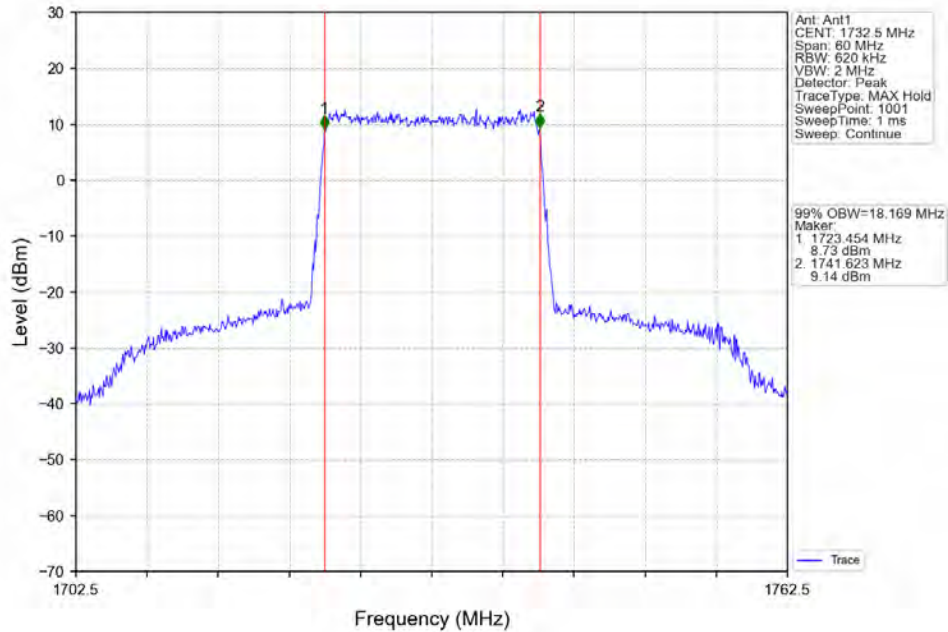
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Report No.: SUCR240200003402

Rev.: 01

Page: 78 of 263

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



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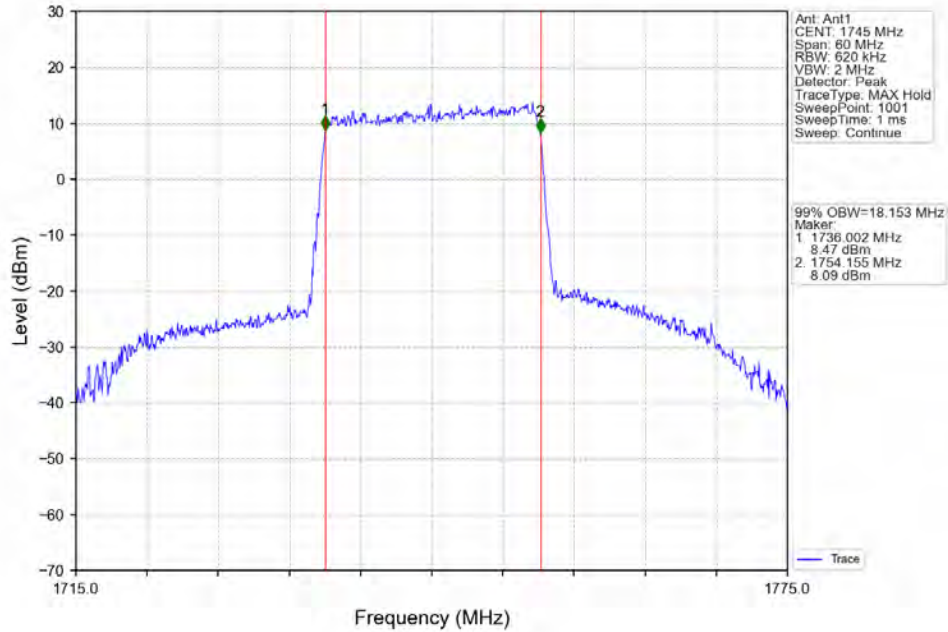
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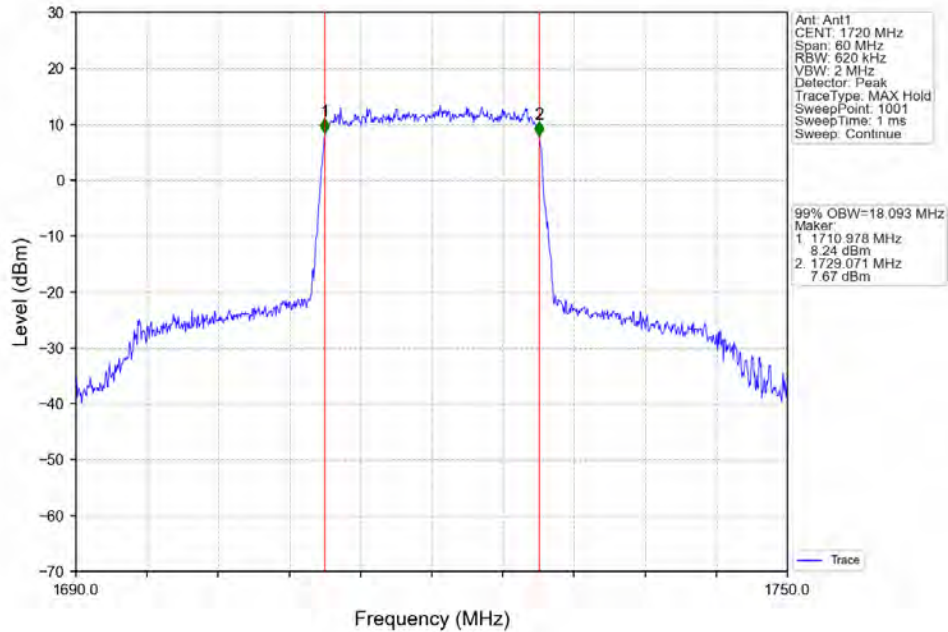
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Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



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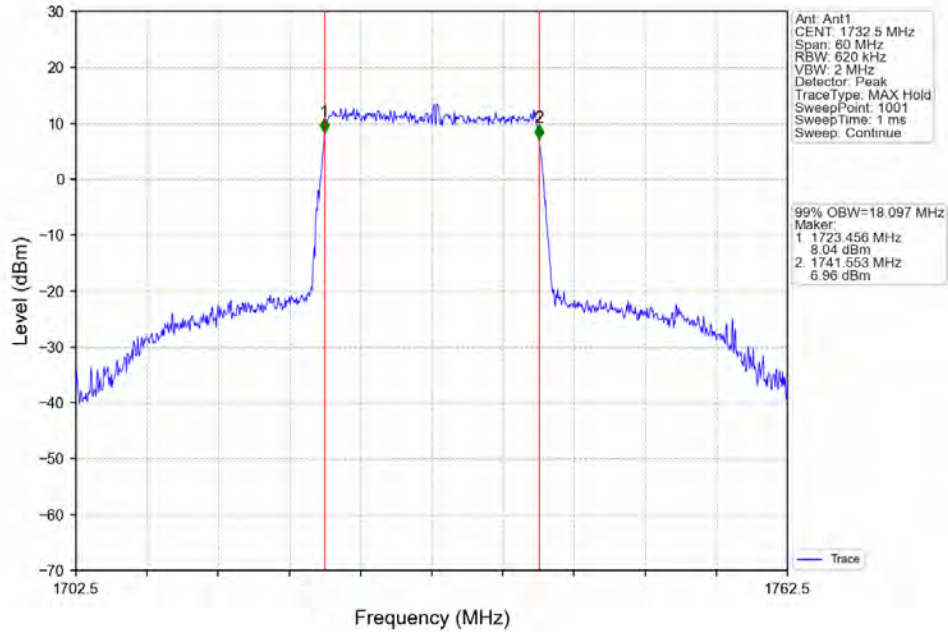
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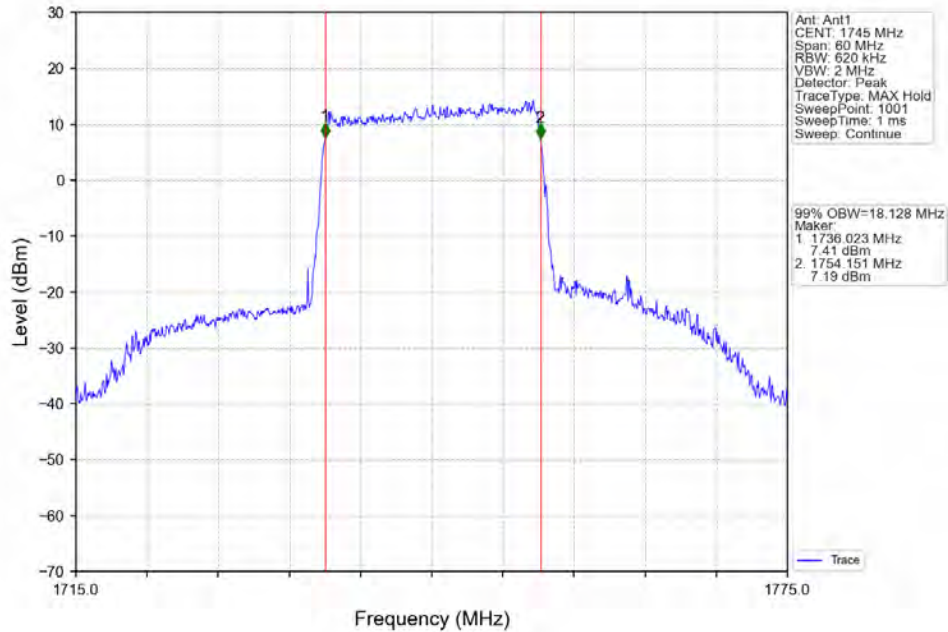
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Report No.: SUCR240200003402

Rev.: 01

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Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



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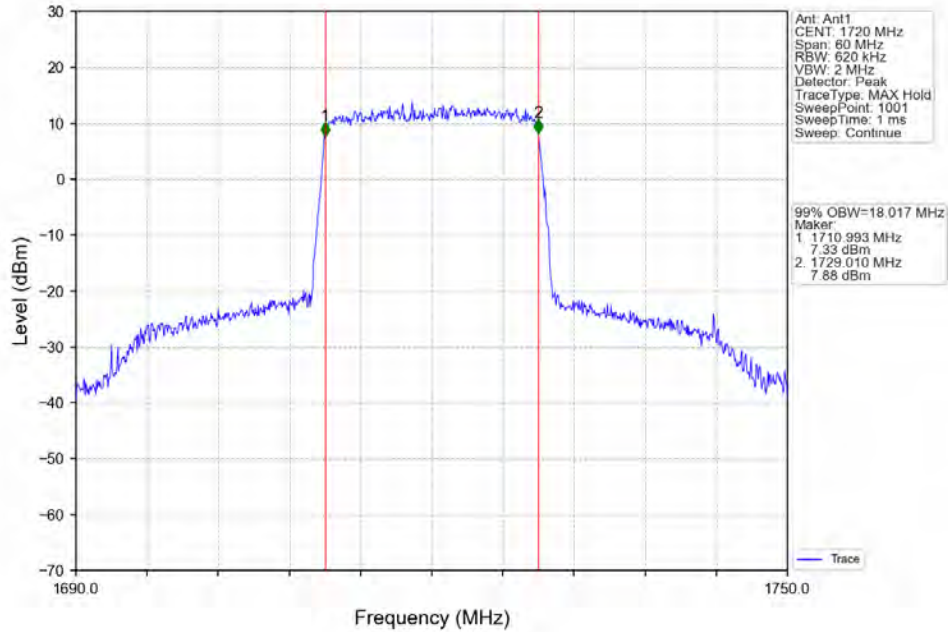
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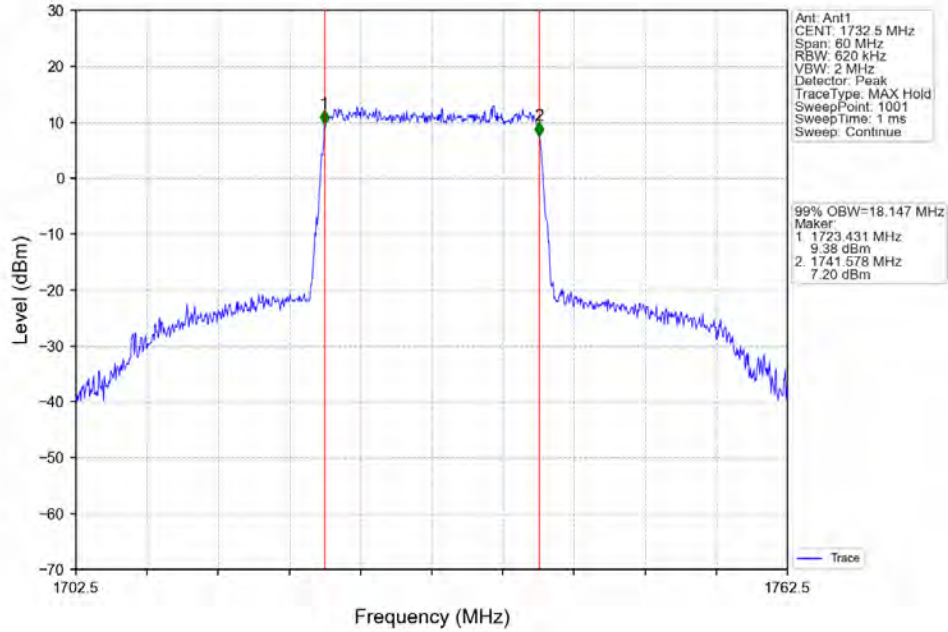
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Rev.: 01

Page: 84 of 263

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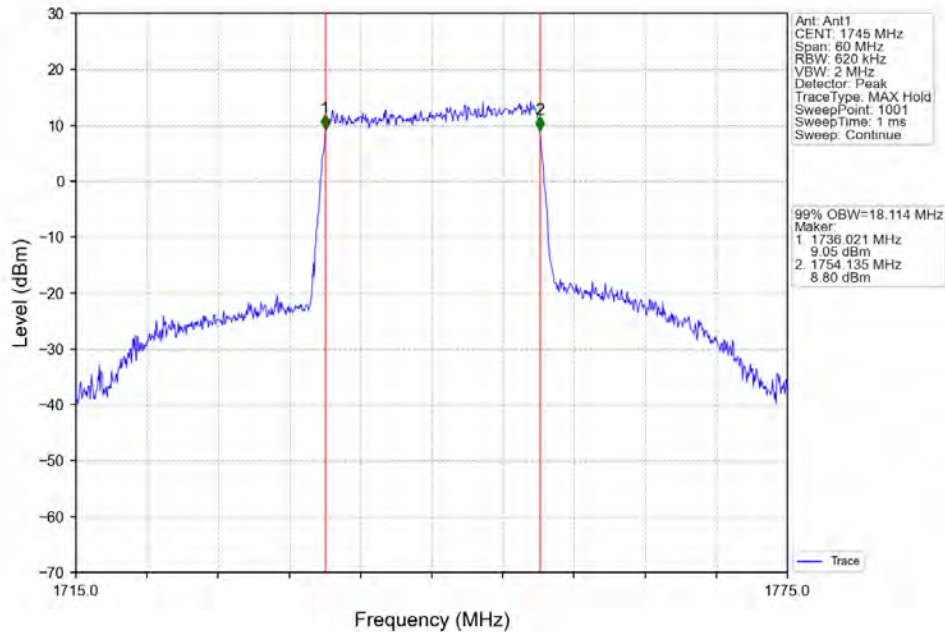
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Rev.: 01
Page: 86 of 263

3.2 Band4_XDB



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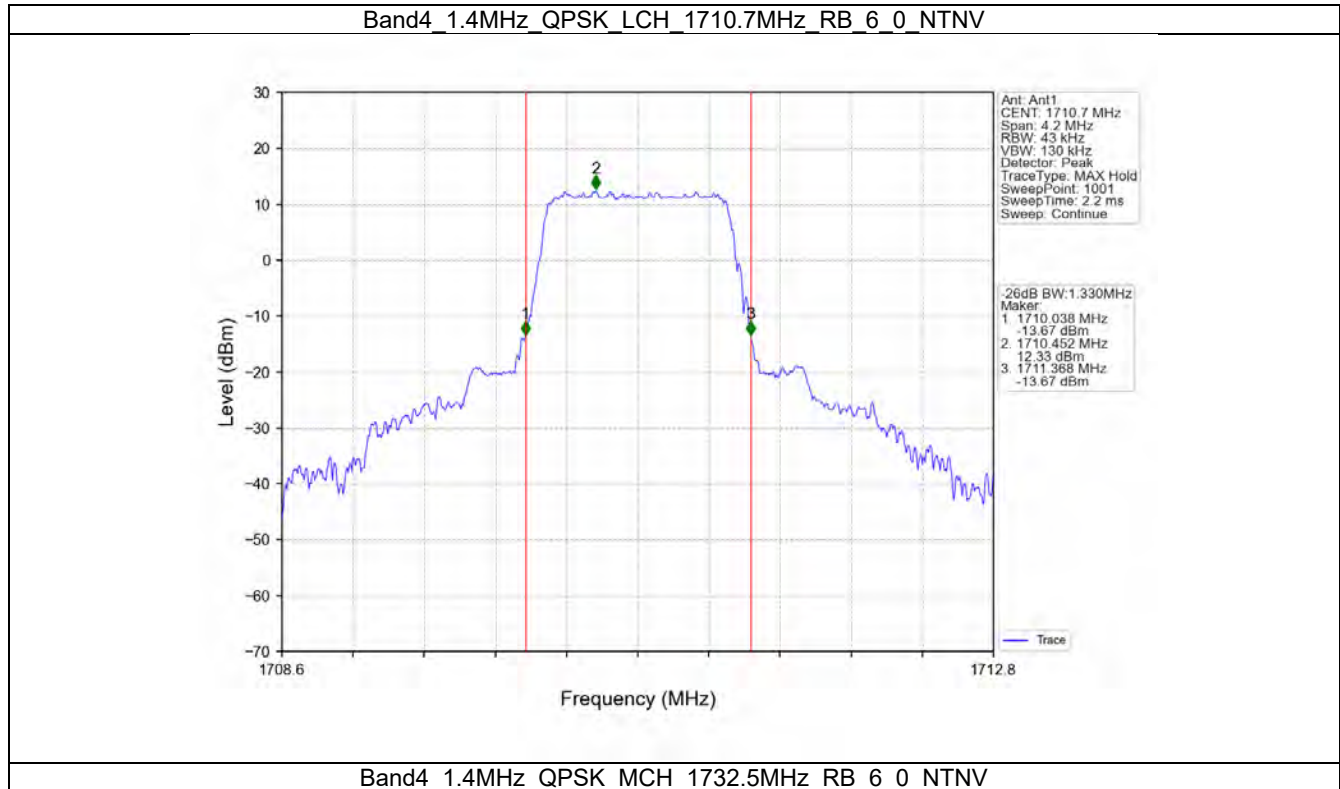
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Report No.: SUCR240200003402

Rev.: 01

Page: 87 of 263

3.2.2 Test Graph



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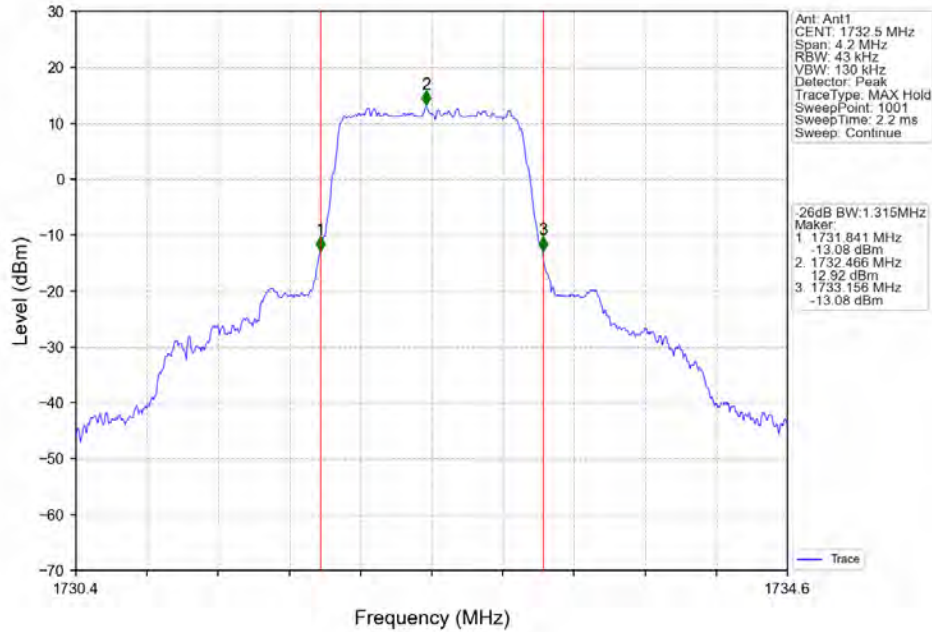
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Report No.: SUCR240200003402

Rev.: 01

Page: 88 of 263



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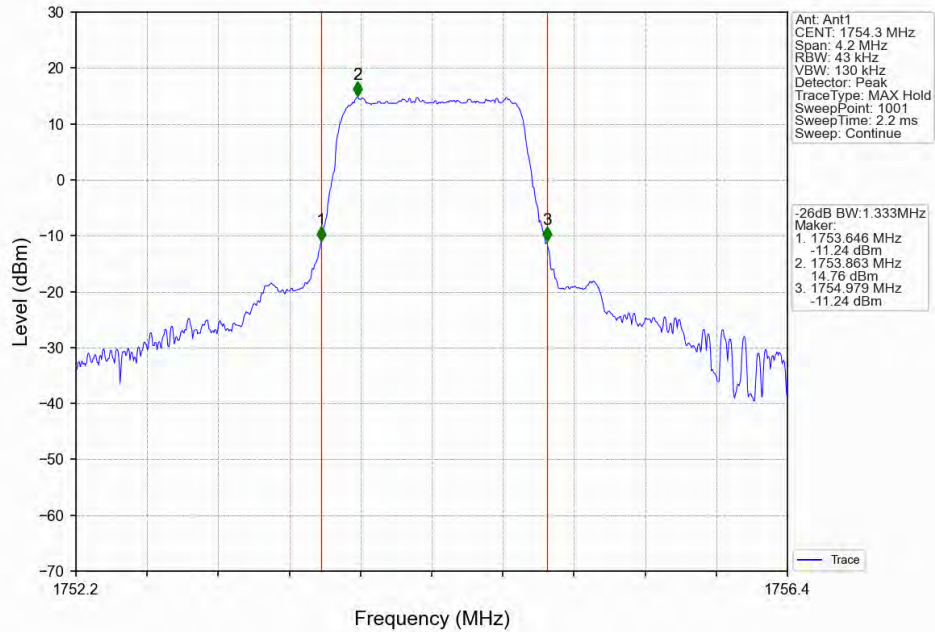
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Report No.: SUCR240200003402

Rev.: 01

Page: 89 of 263

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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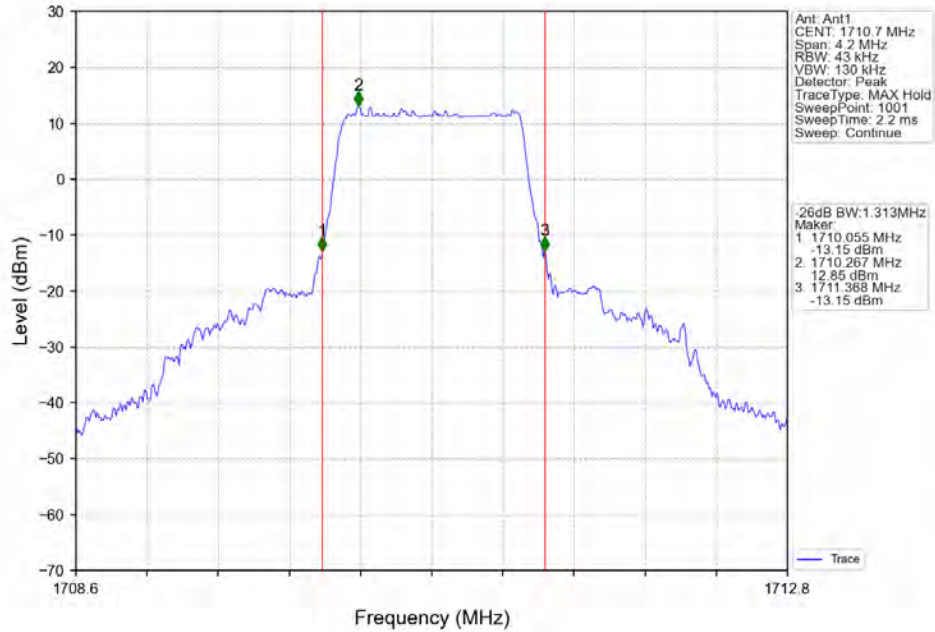
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Report No.: SUCR240200003402

Rev.: 01

Page: 90 of 263



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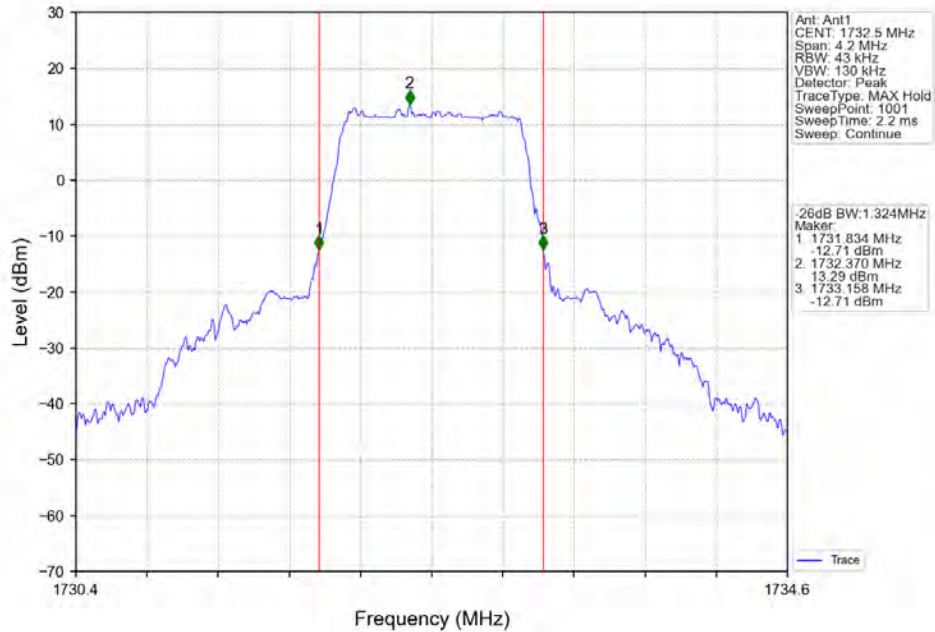
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Report No.: SUCR240200003402

Rev.: 01

Page: 91 of 263

Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



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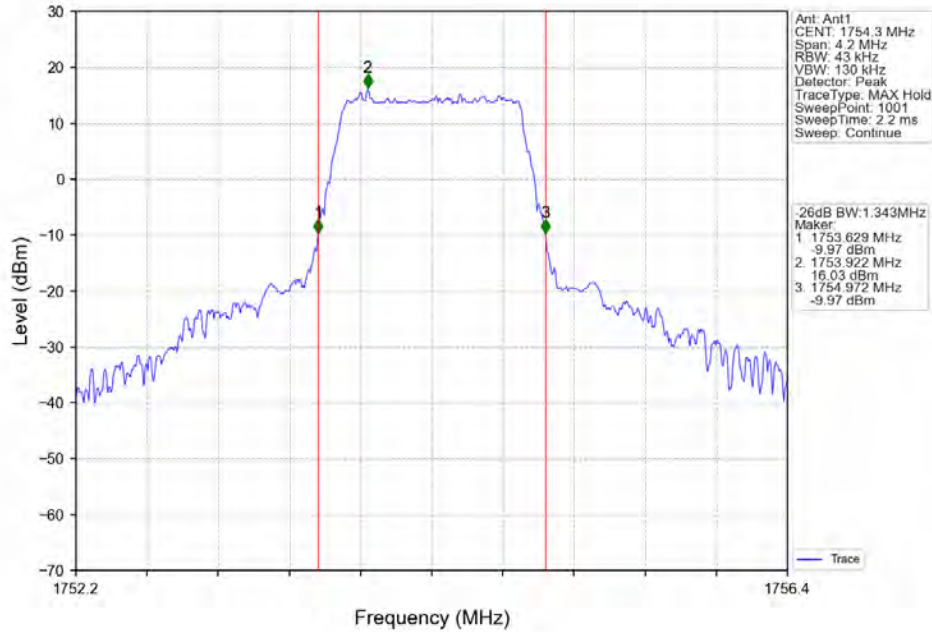
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Rev.: 01

Page: 92 of 263



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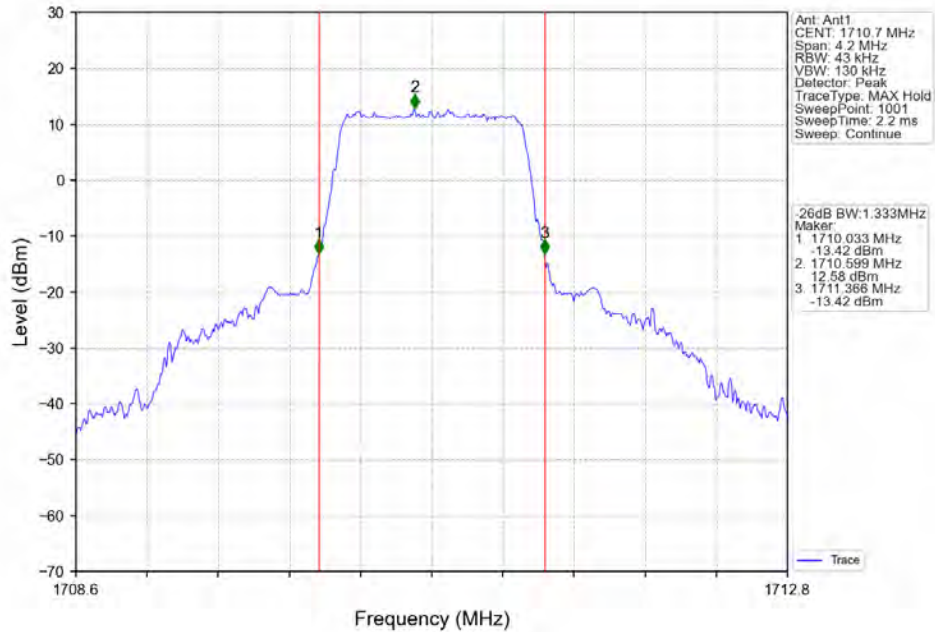
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Report No.: SUCR240200003402

Rev.: 01

Page: 93 of 263

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



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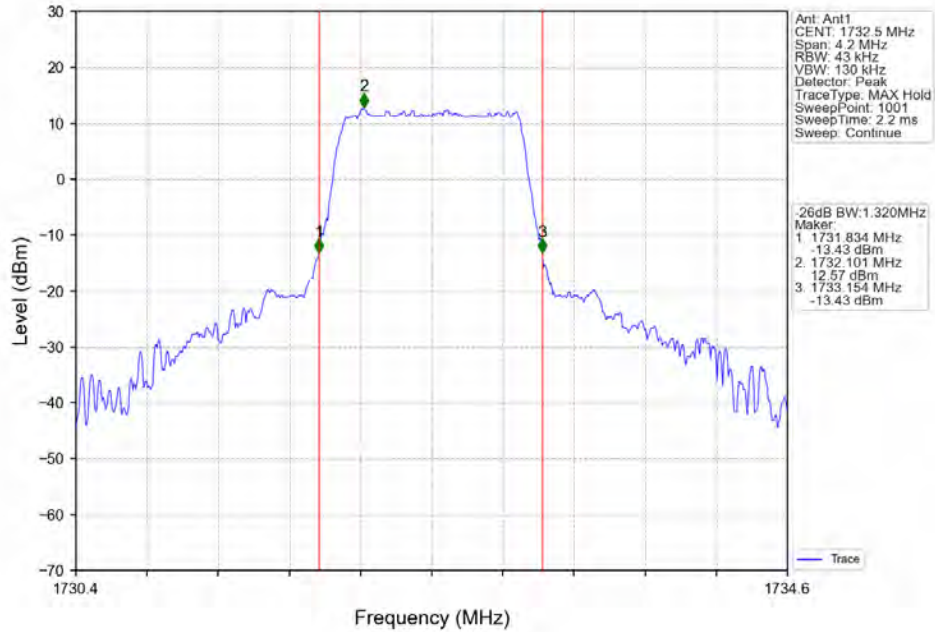
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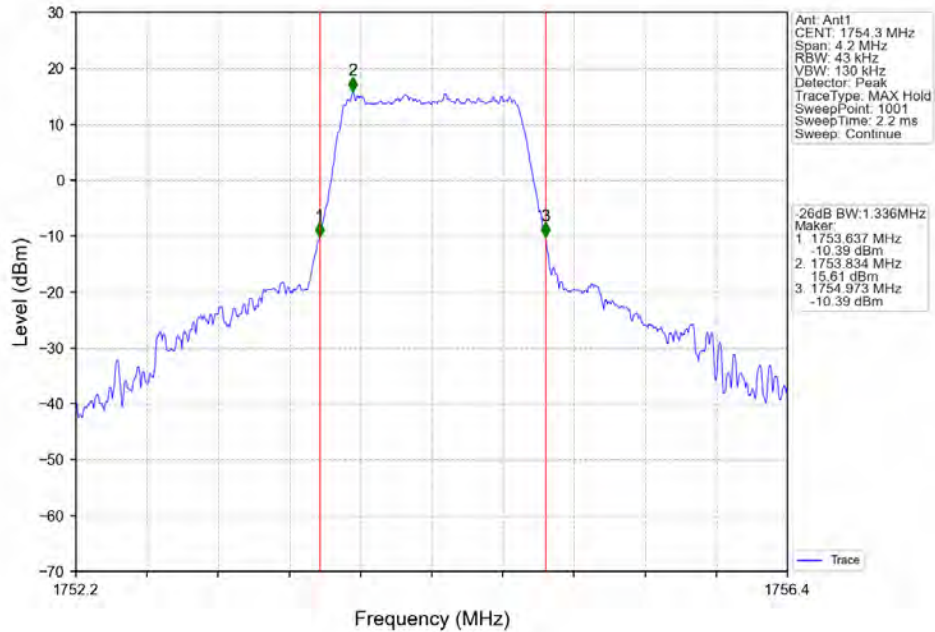
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Report No.: SUCR240200003402

Rev.: 01

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Band4 1.4MHz 64QAM HCH 1754.3MHz_RB_6_0 NTN



Band4 3MHz QPSK LCH 1711.5MHz_RB_15_0 NTN



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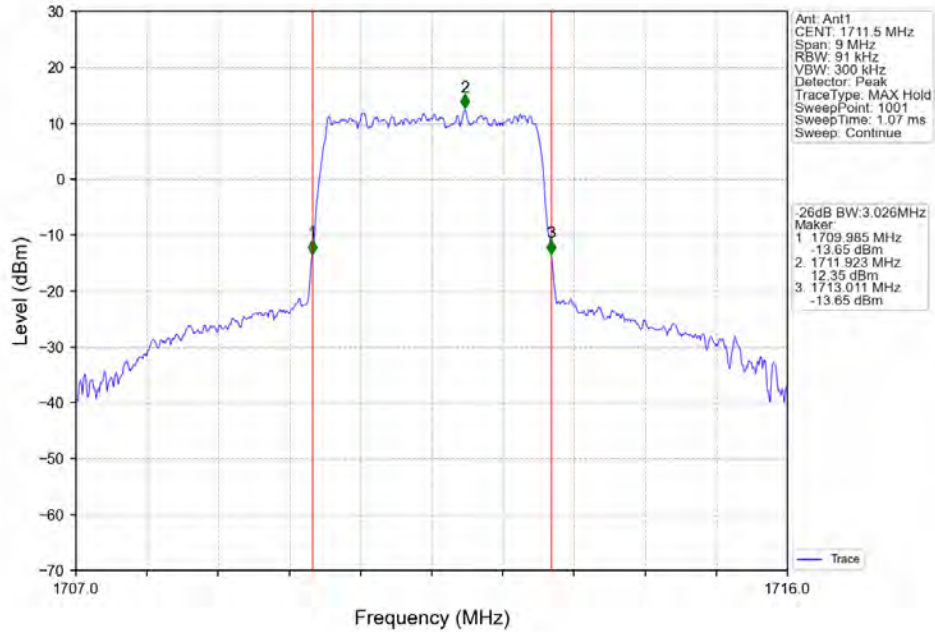
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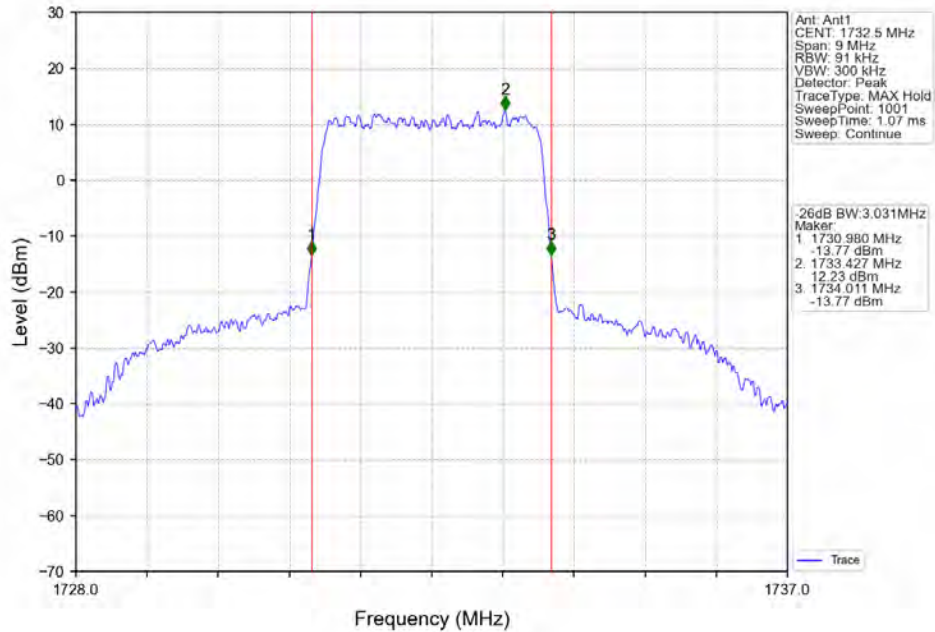
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Report No.: SUCR240200003402

Rev.: 01

Page: 97 of 263

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



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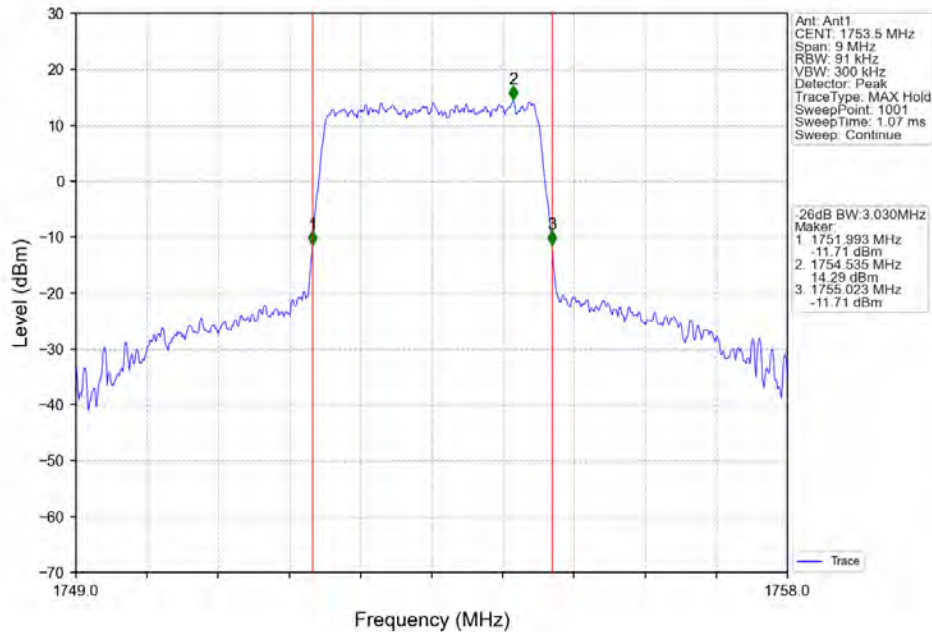
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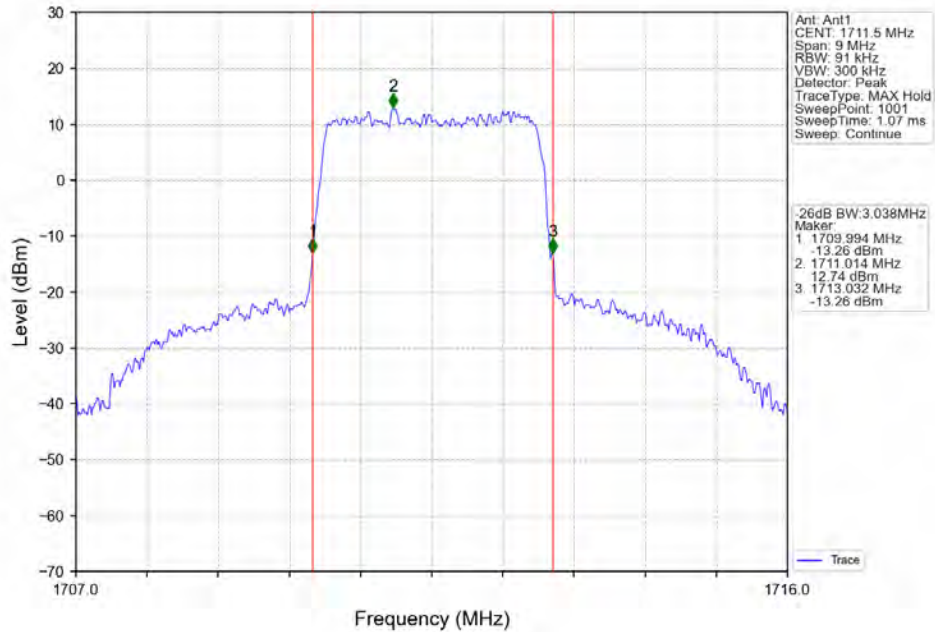
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Report No.: SUCR240200003402

Rev.: 01

Page: 99 of 263

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



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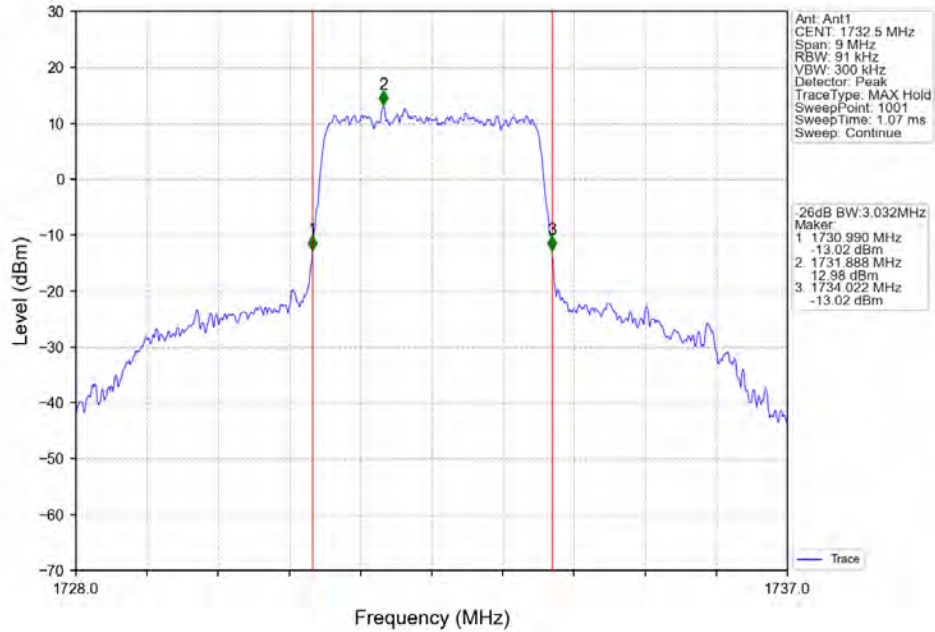
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Report No.: SUCR240200003402

Rev.: 01

Page: 100 of 263



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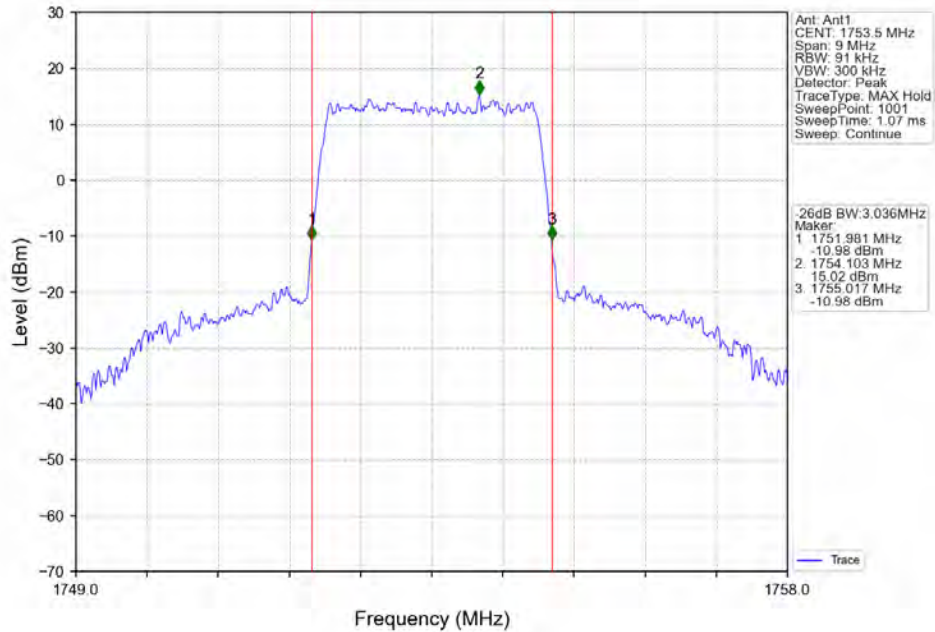
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Report No.: SUCR240200003402

Rev.: 01

Page: 101 of 263

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



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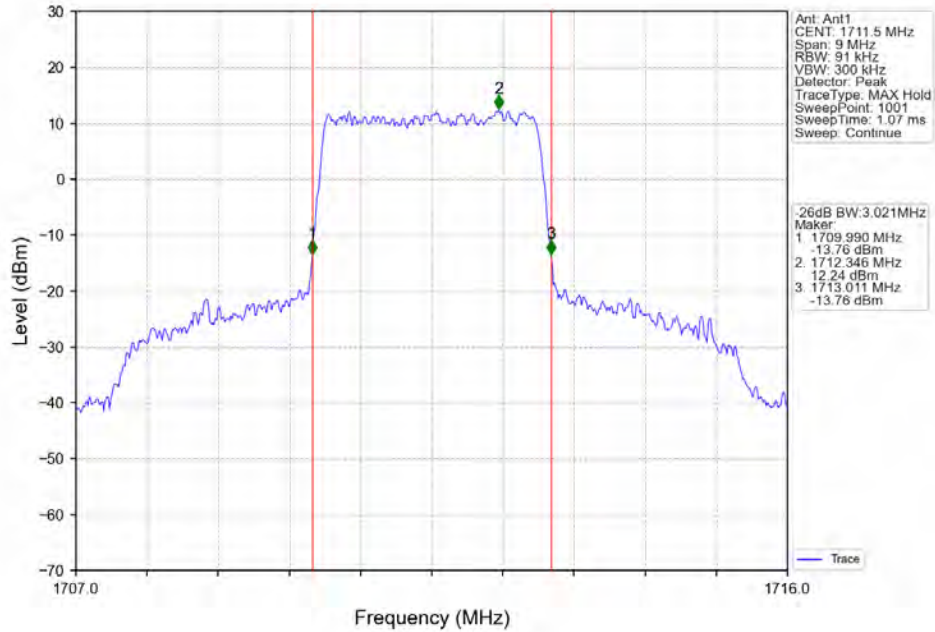
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Report No.: SUCR240200003402

Rev.: 01

Page: 102 of 263



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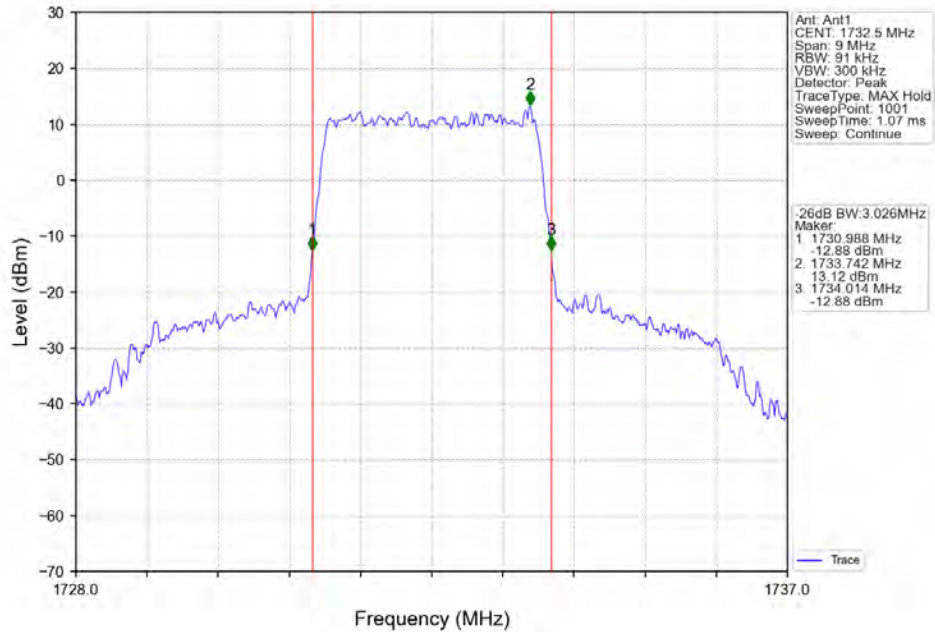
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Report No.: SUCR240200003402

Rev.: 01

Page: 103 of 263

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



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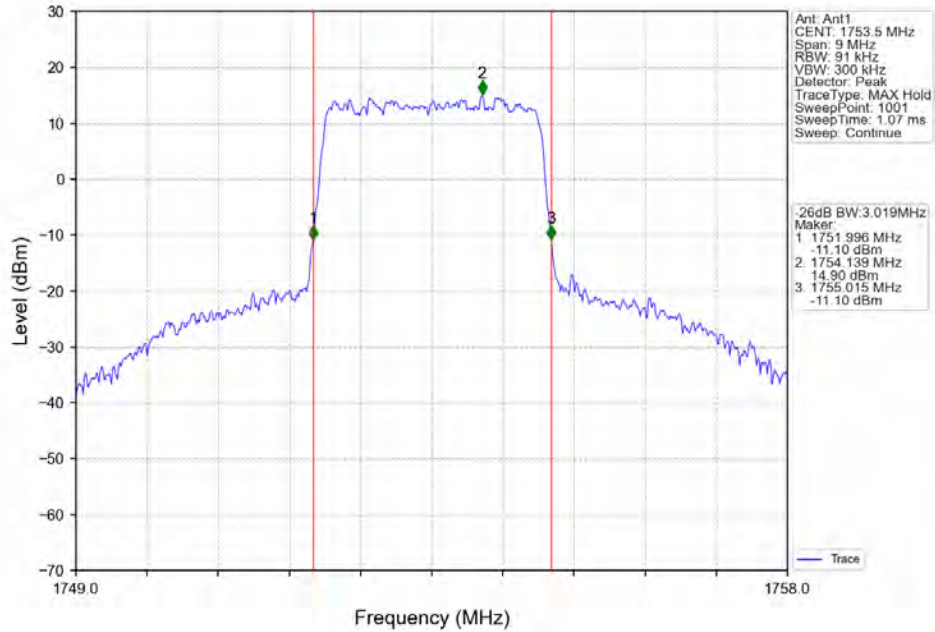
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Rev.: 01

Page: 104 of 263



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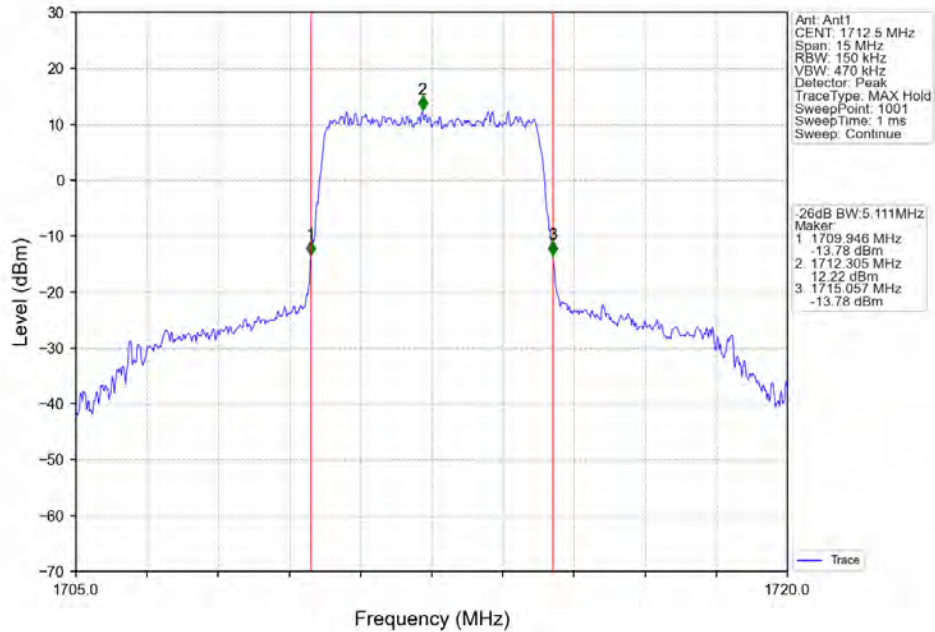
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Report No.: SUCR240200003402

Rev.: 01

Page: 105 of 263

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



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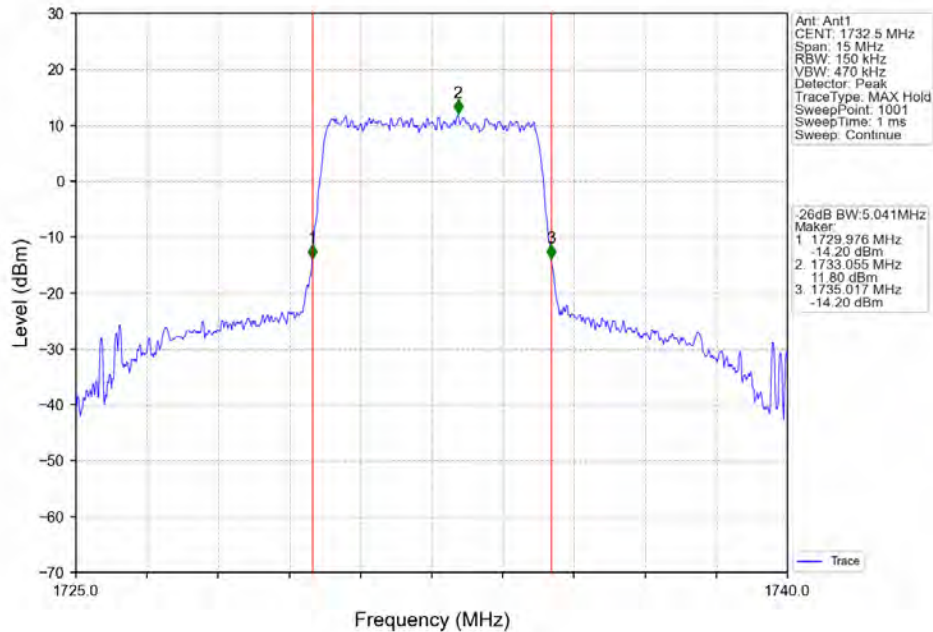
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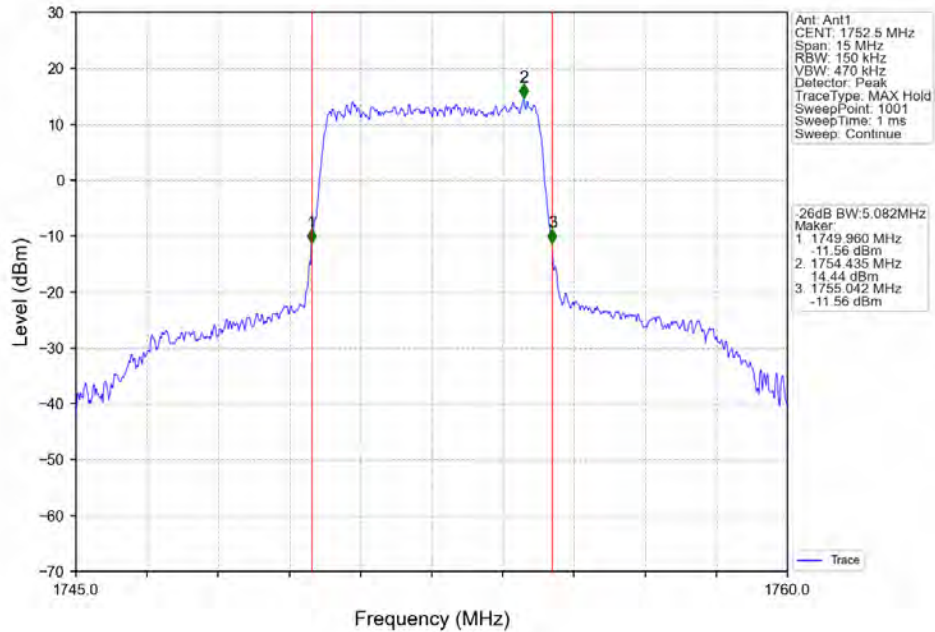
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Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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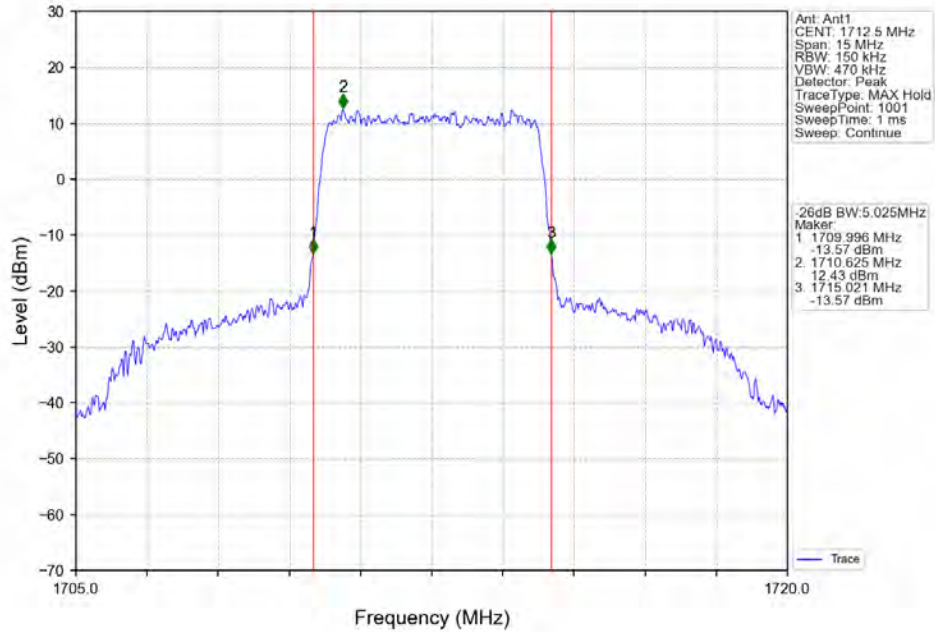
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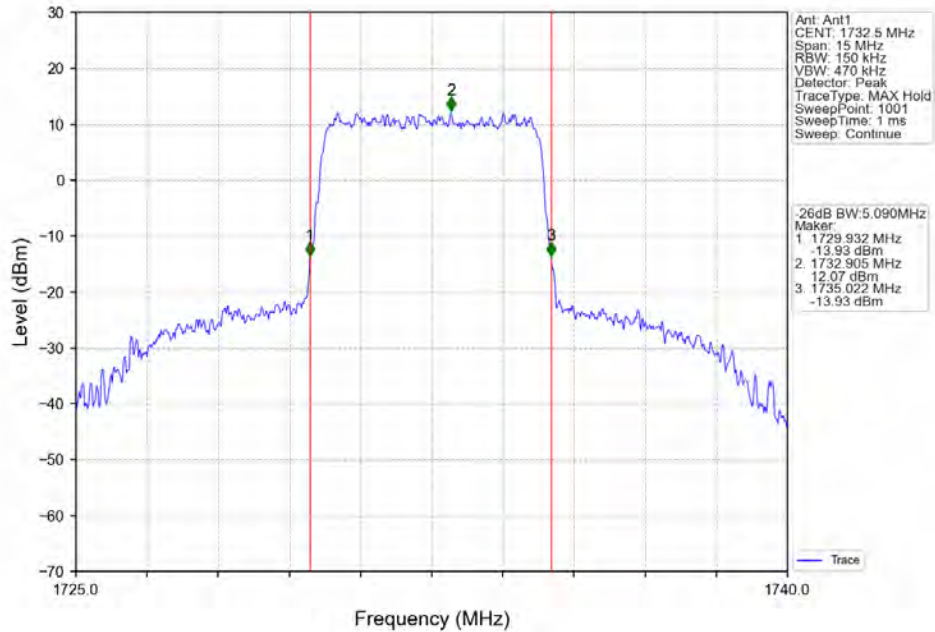
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Report No.: SUCR240200003402

Rev.: 01

Page: 109 of 263

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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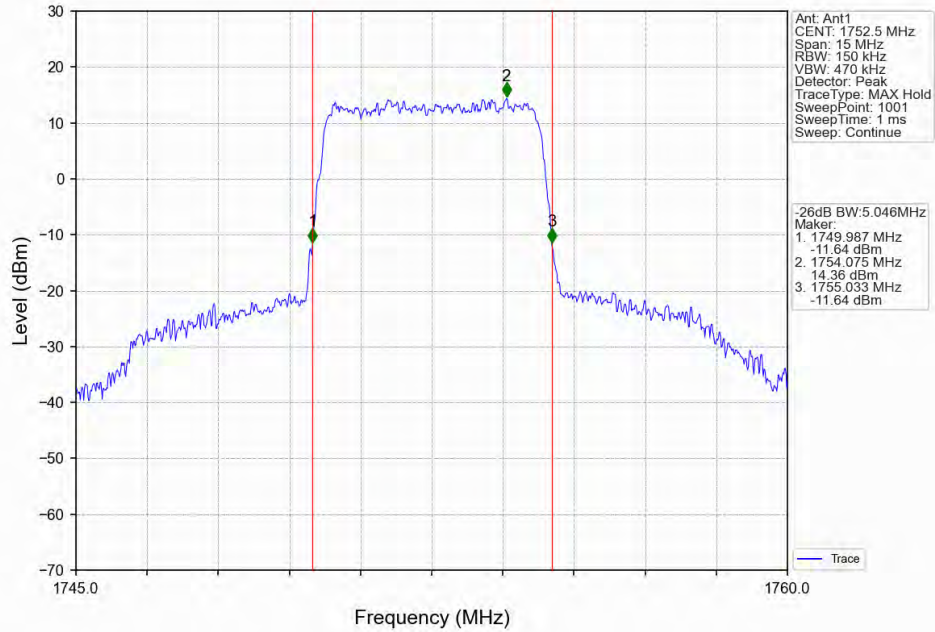
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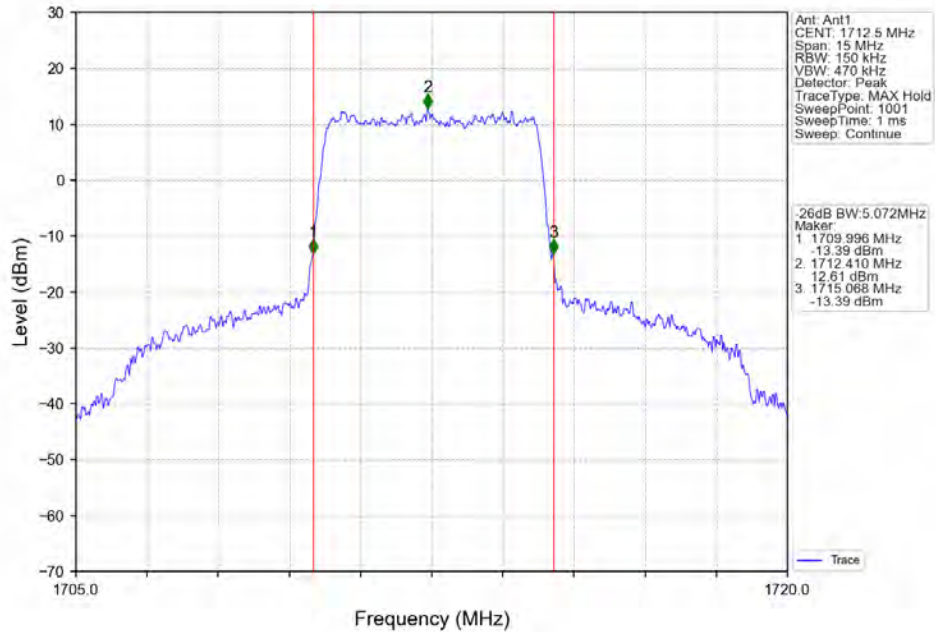
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Report No.: SUCR240200003402

Rev.: 01

Page: 111 of 263

Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



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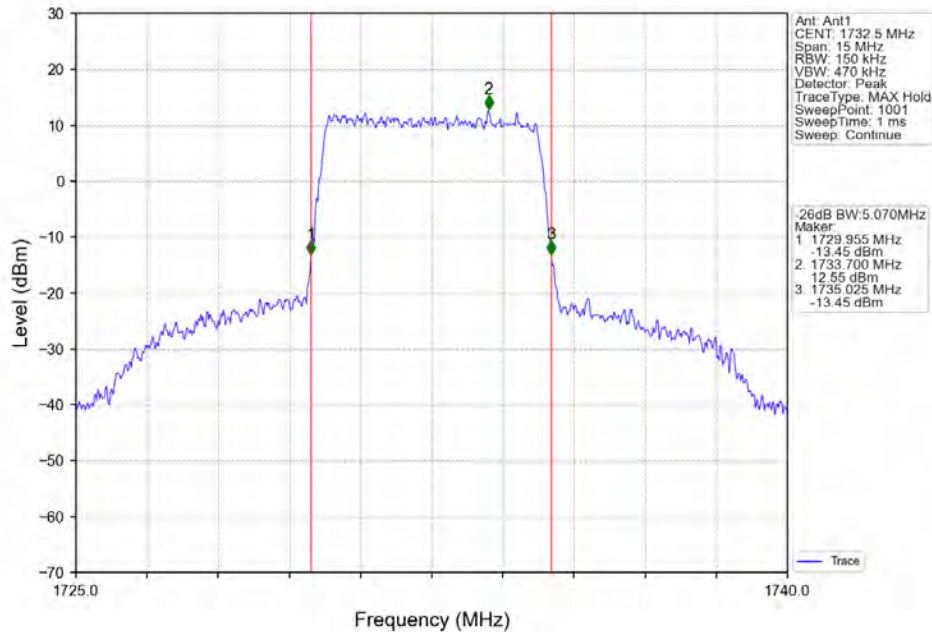
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Rev.: 01

Page: 112 of 263



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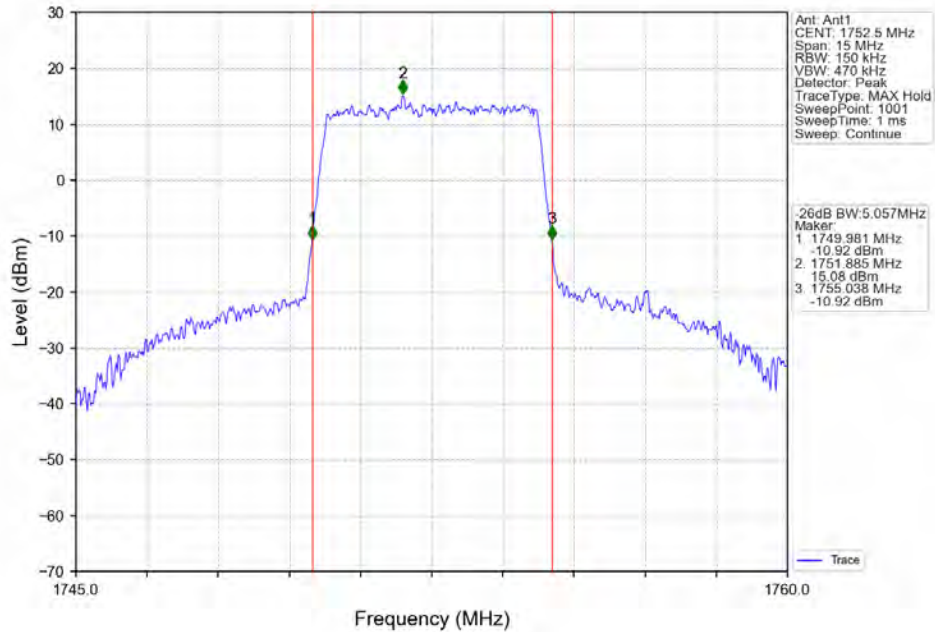
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Report No.: SUCR240200003402

Rev.: 01

Page: 113 of 263

Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



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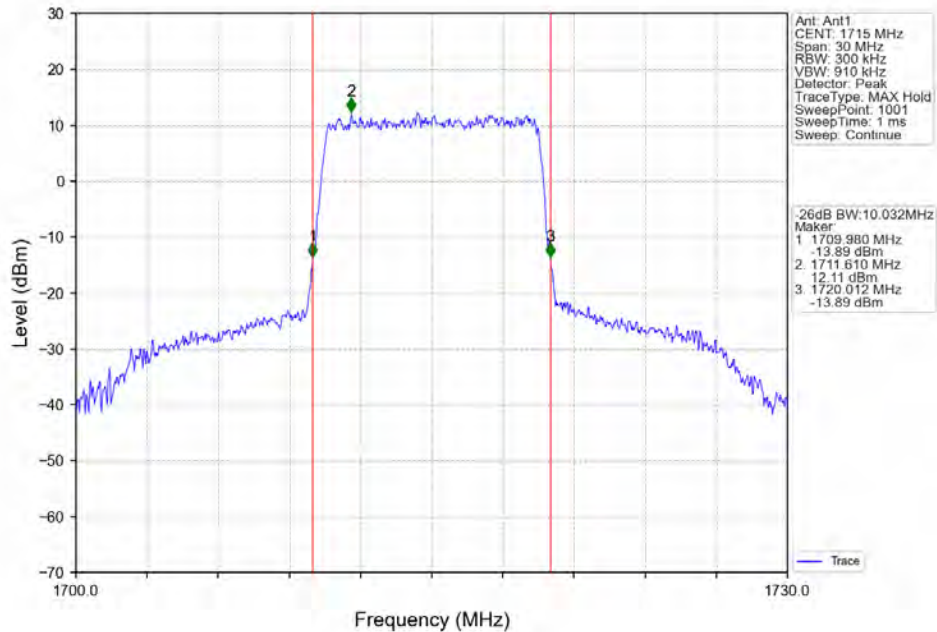
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Report No.: SUCR240200003402

Rev.: 01

Page: 114 of 263



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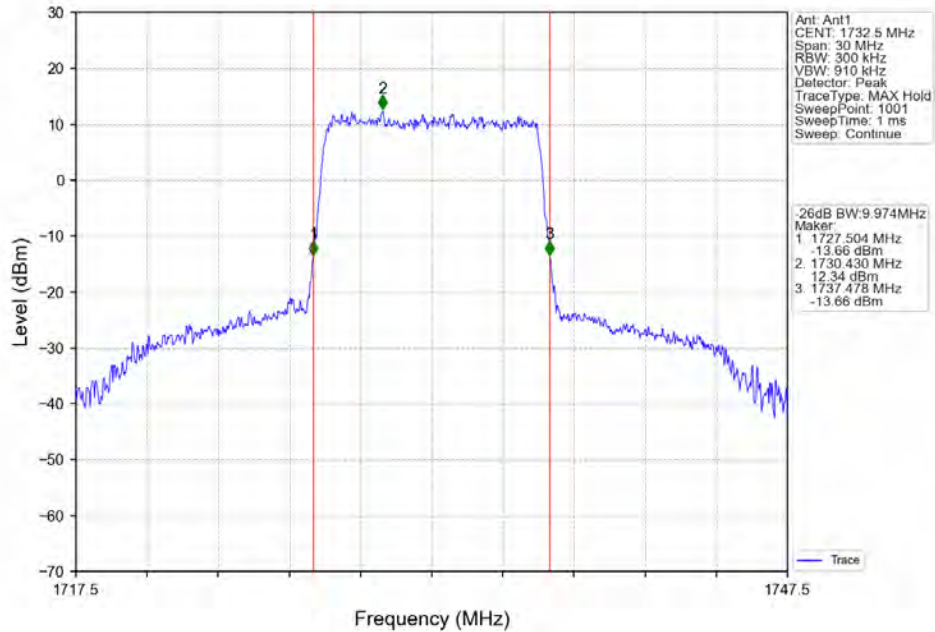
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Report No.: SUCR240200003402

Rev.: 01

Page: 115 of 263

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



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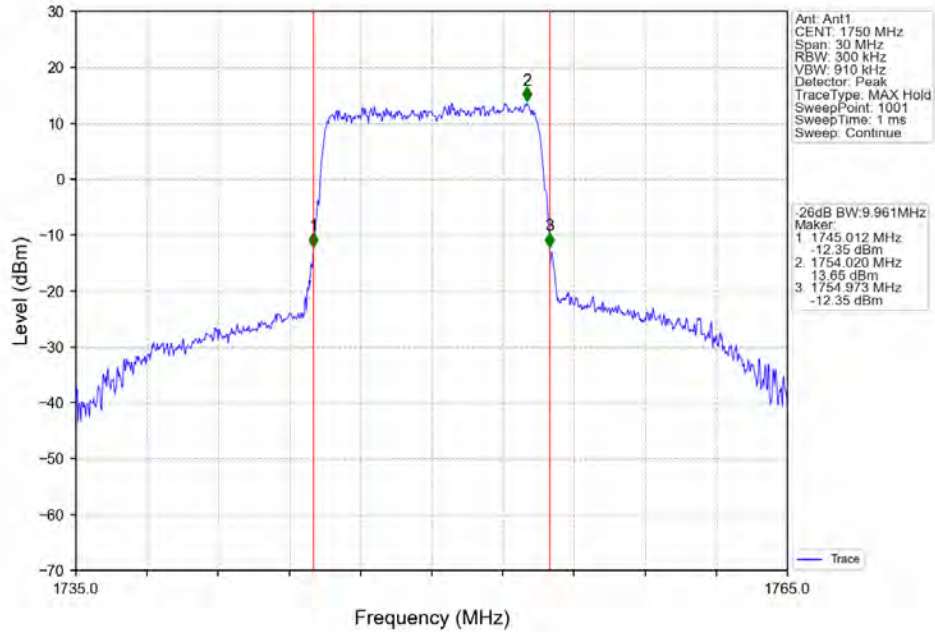
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Report No.: SUCR240200003402

Rev.: 01

Page: 116 of 263



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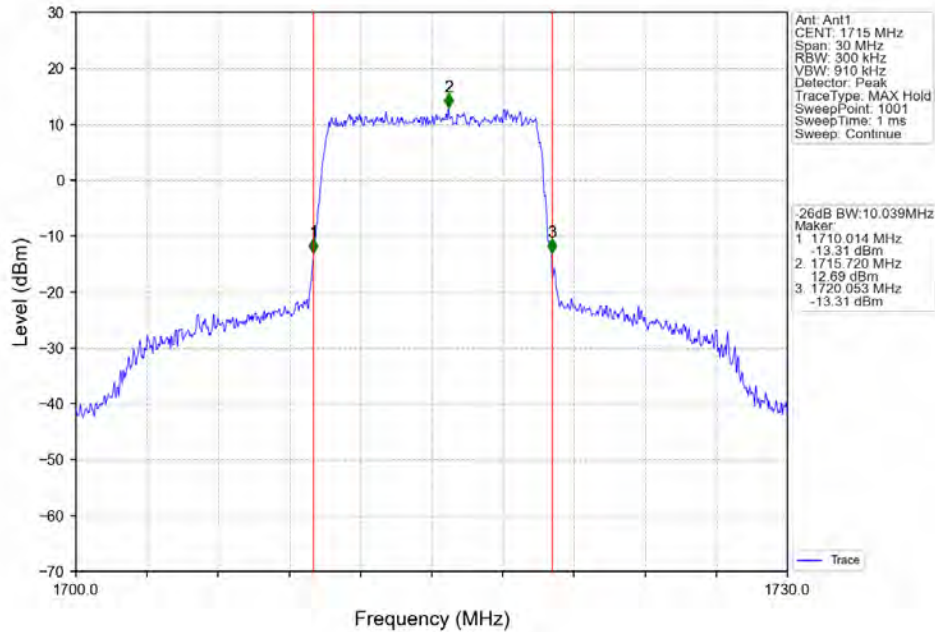
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Report No.: SUCR240200003402

Rev.: 01

Page: 117 of 263

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



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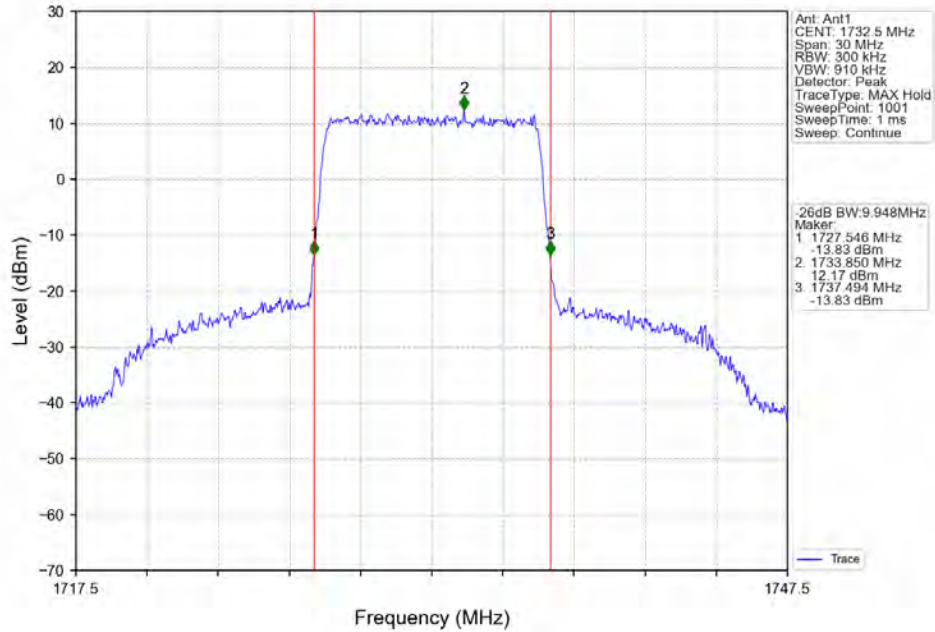
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Page: 118 of 263



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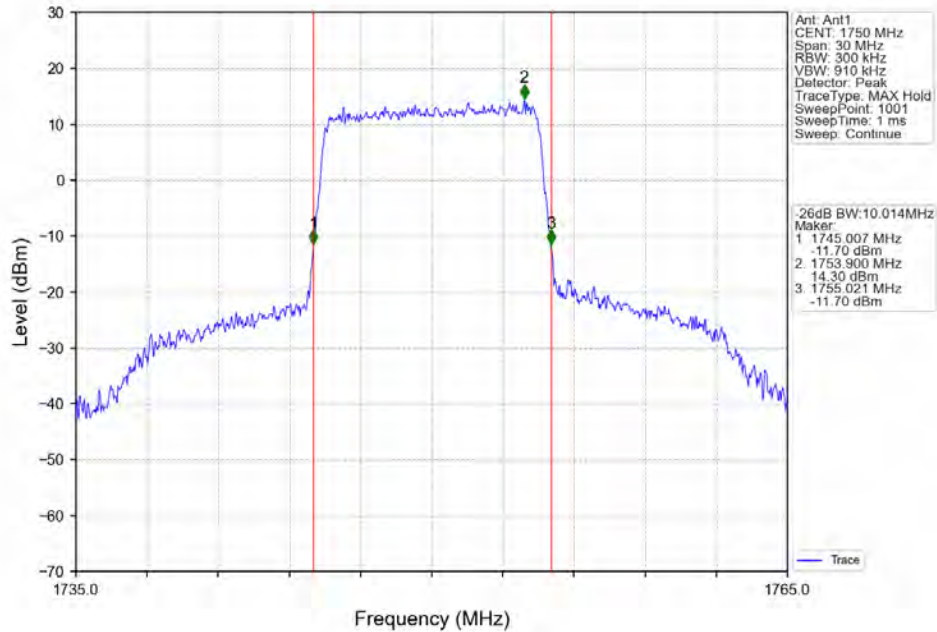
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Rev.: 01

Page: 119 of 263

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



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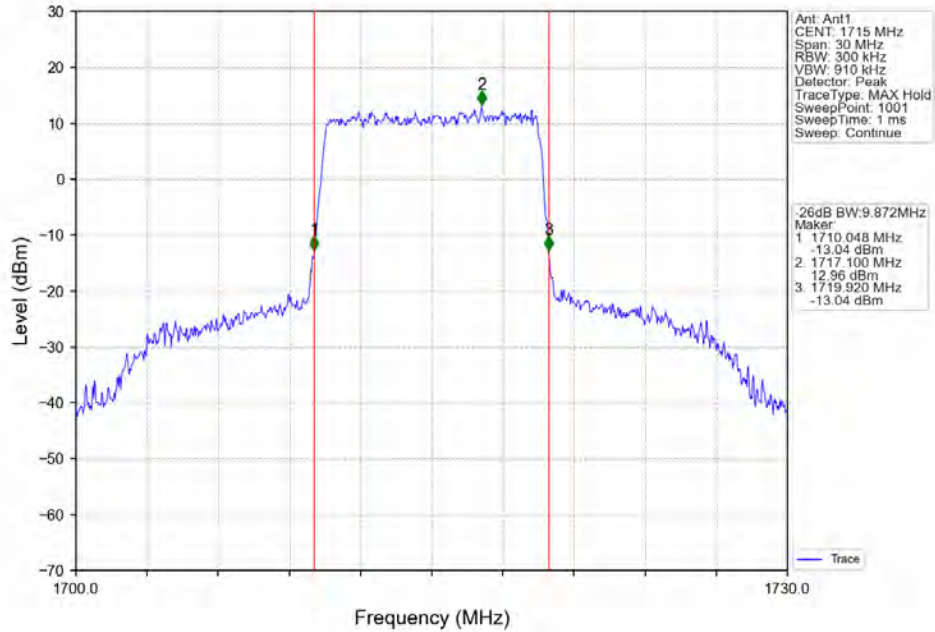
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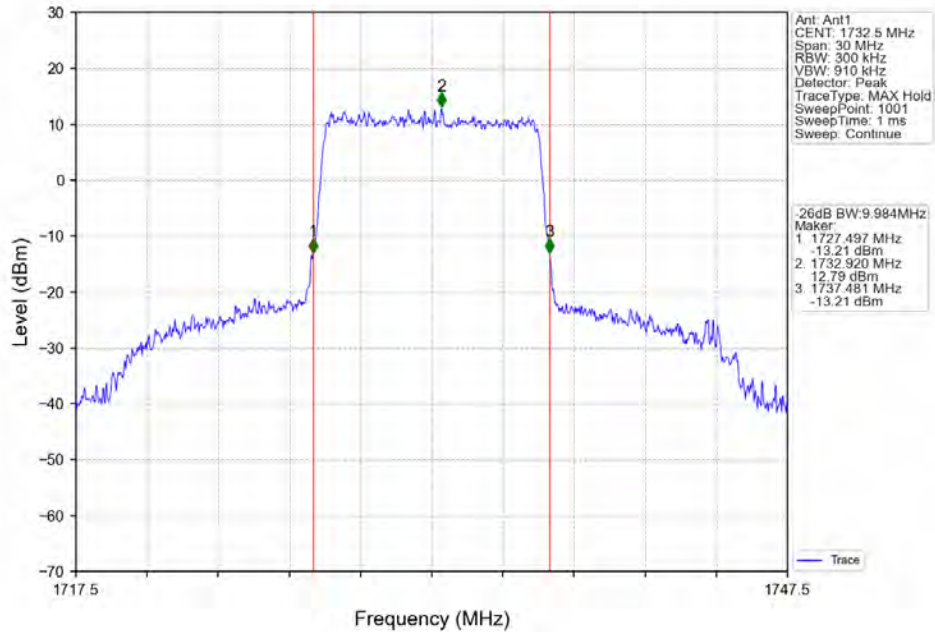
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Report No.: SUCR240200003402

Rev.: 01

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Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



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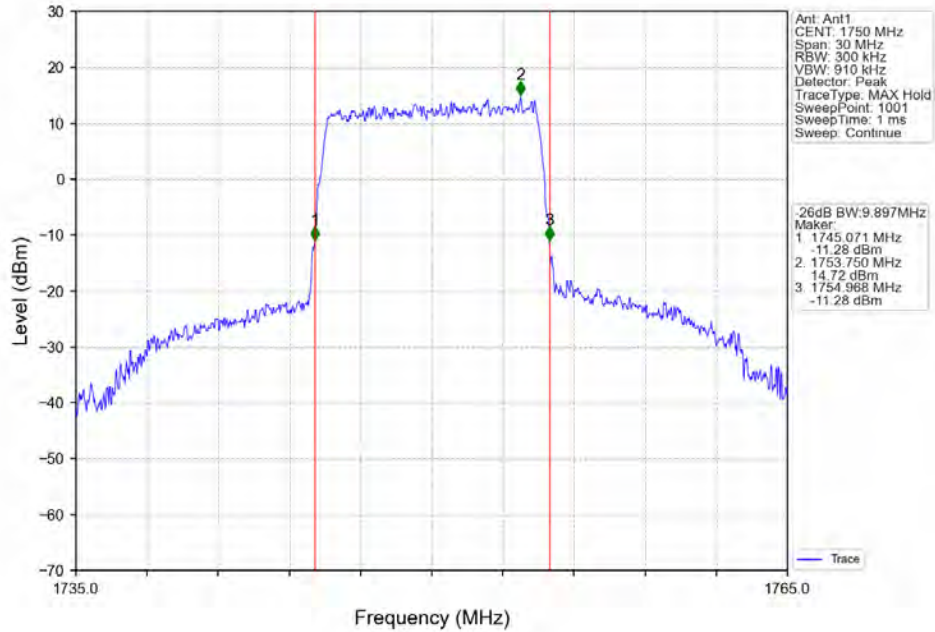
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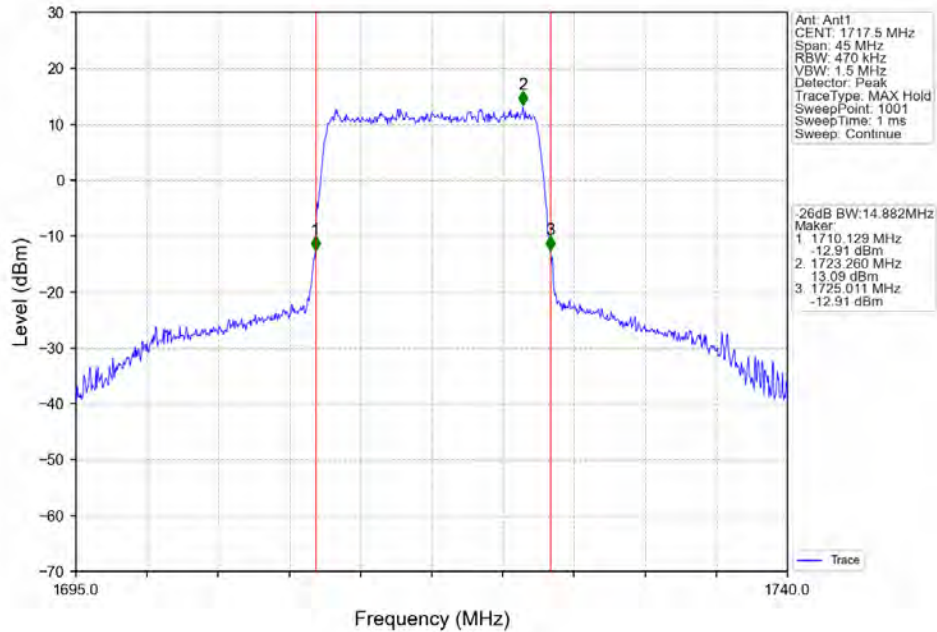
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Report No.: SUCR240200003402

Rev.: 01

Page: 123 of 263

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



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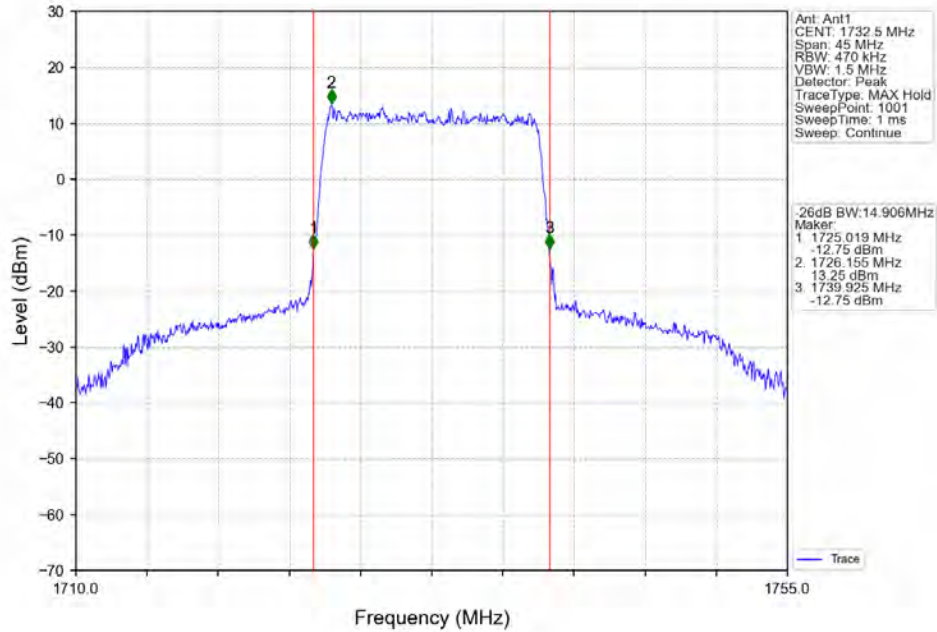
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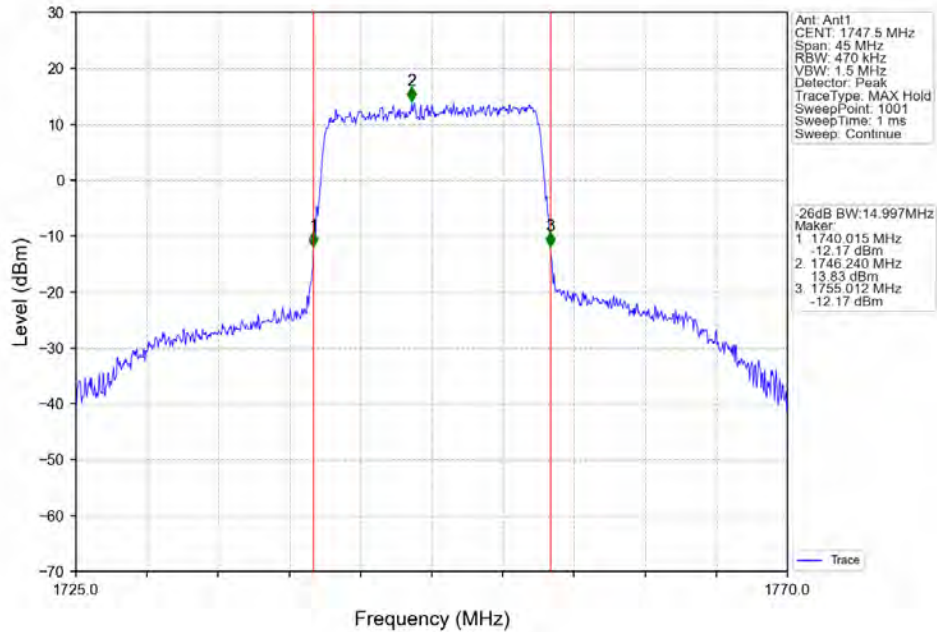
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Report No.: SUCR240200003402

Rev.: 01

Page: 125 of 263

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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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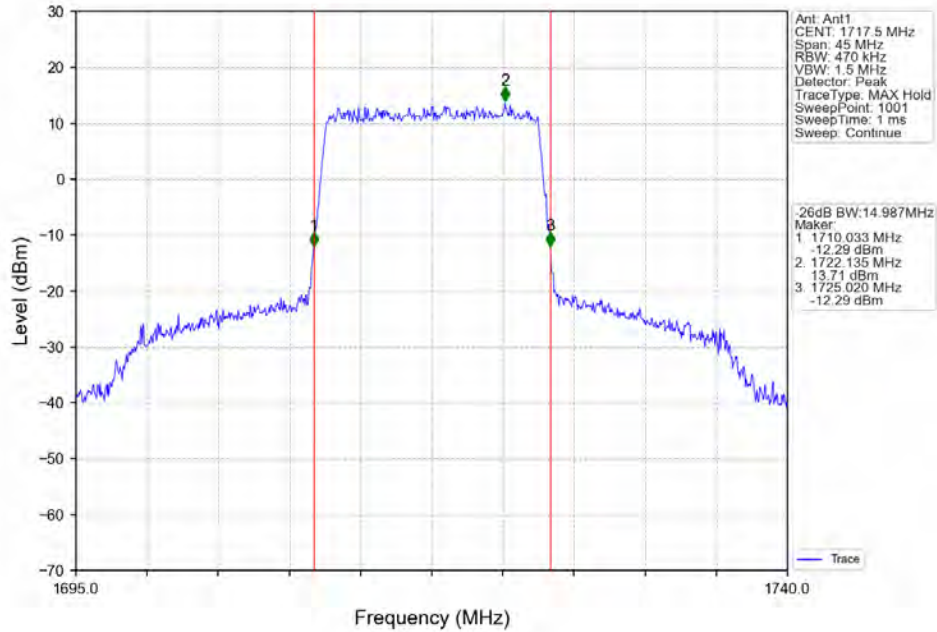
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Report No.: SUCR240200003402

Rev.: 01

Page: 126 of 263



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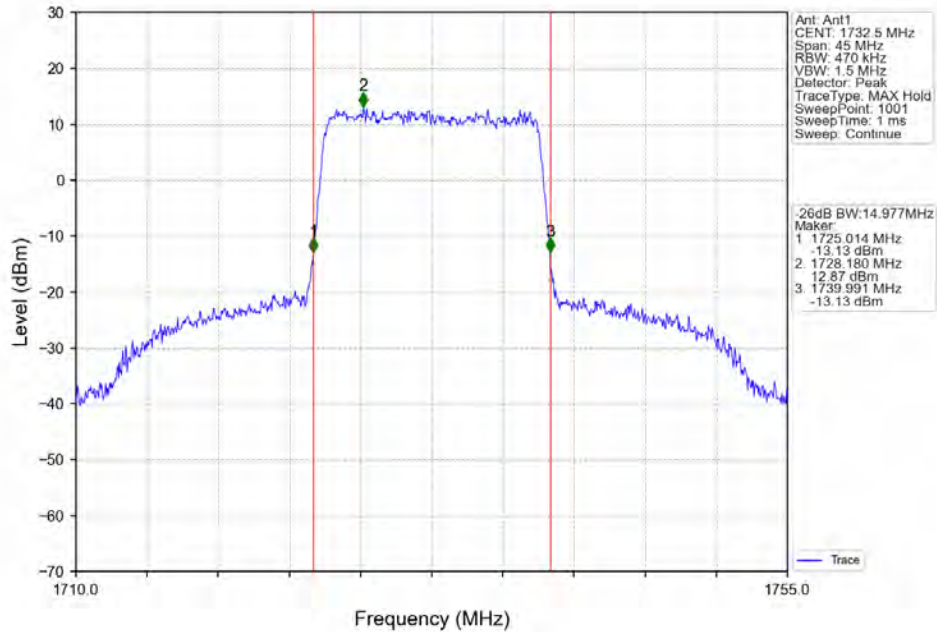
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Report No.: SUCR240200003402

Rev.: 01

Page: 127 of 263

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



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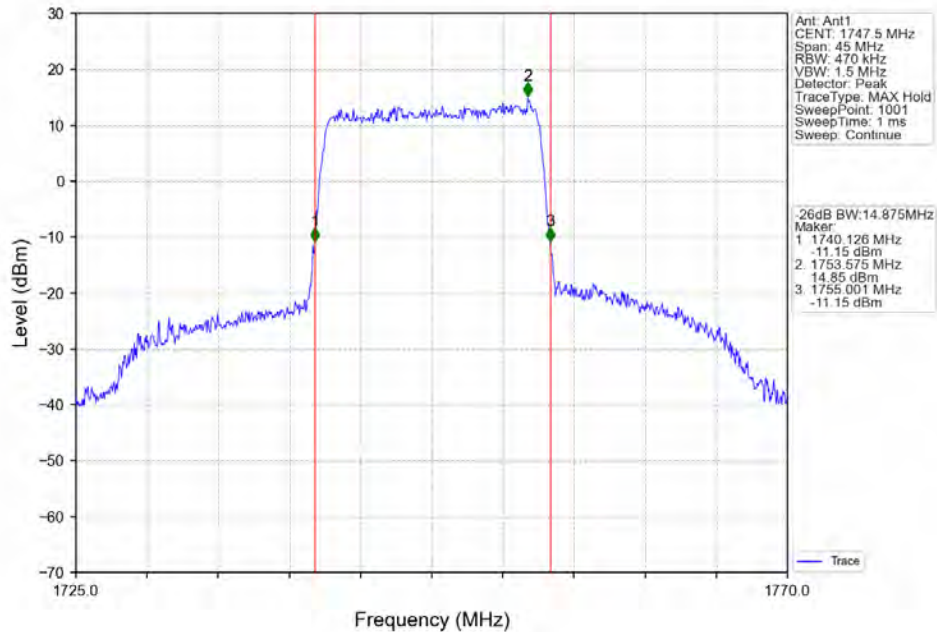
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Report No.: SUCR240200003402

Rev.: 01

Page: 128 of 263



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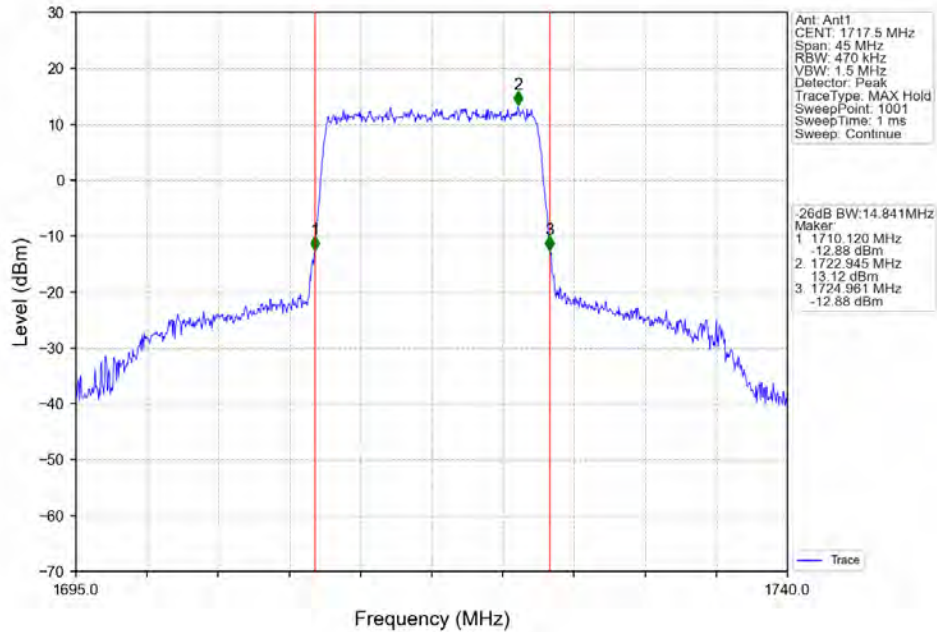
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Report No.: SUCR240200003402

Rev.: 01

Page: 129 of 263

Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



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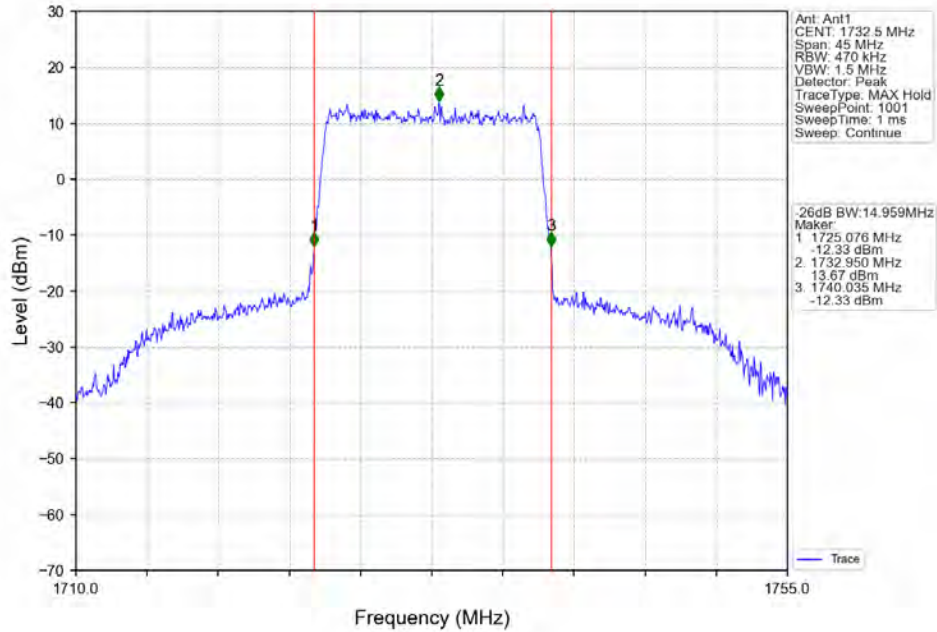
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Report No.: SUCR240200003402

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Page: 130 of 263



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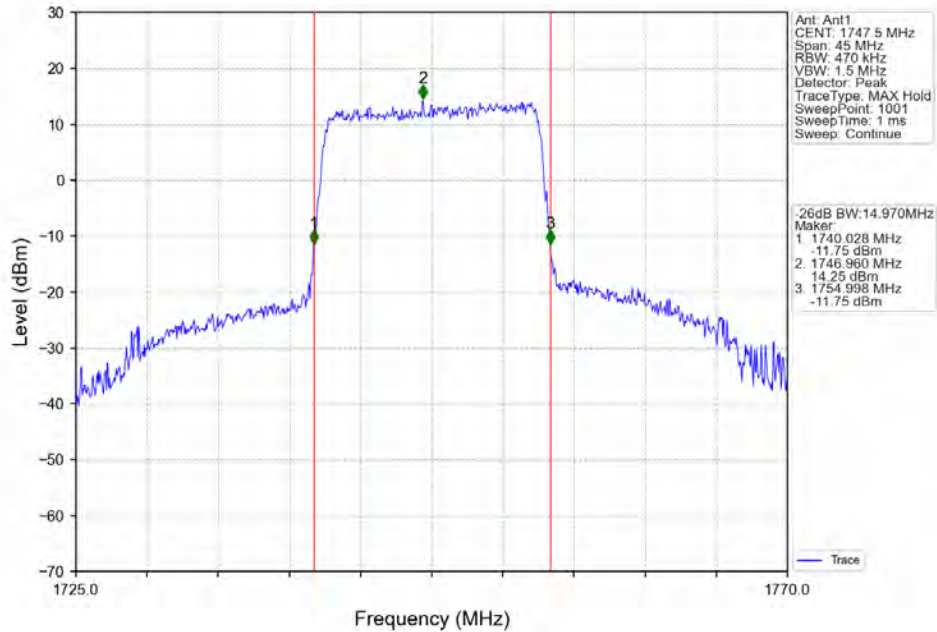
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Report No.: SUCR240200003402

Rev.: 01

Page: 131 of 263

Band4 15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4 20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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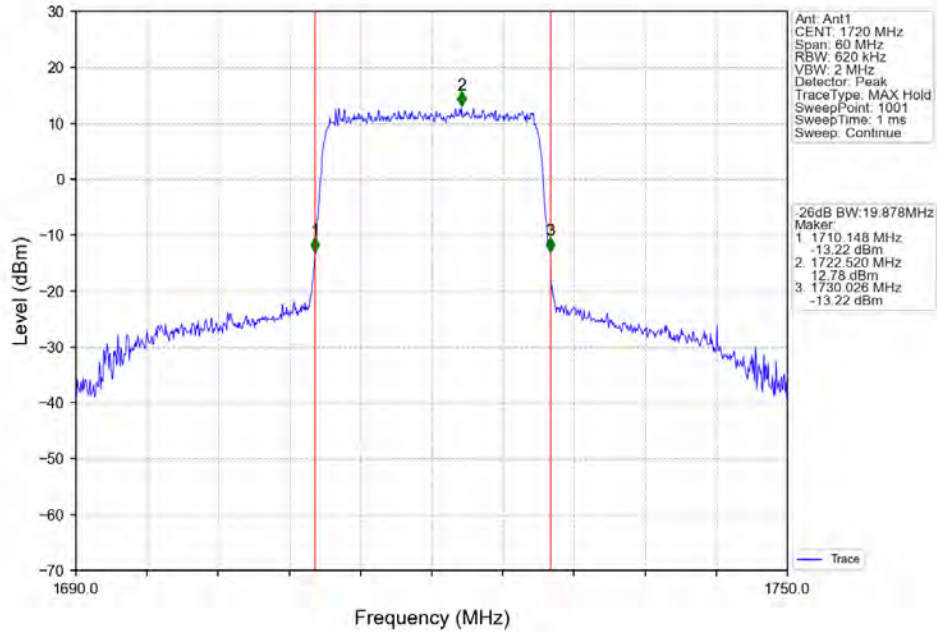
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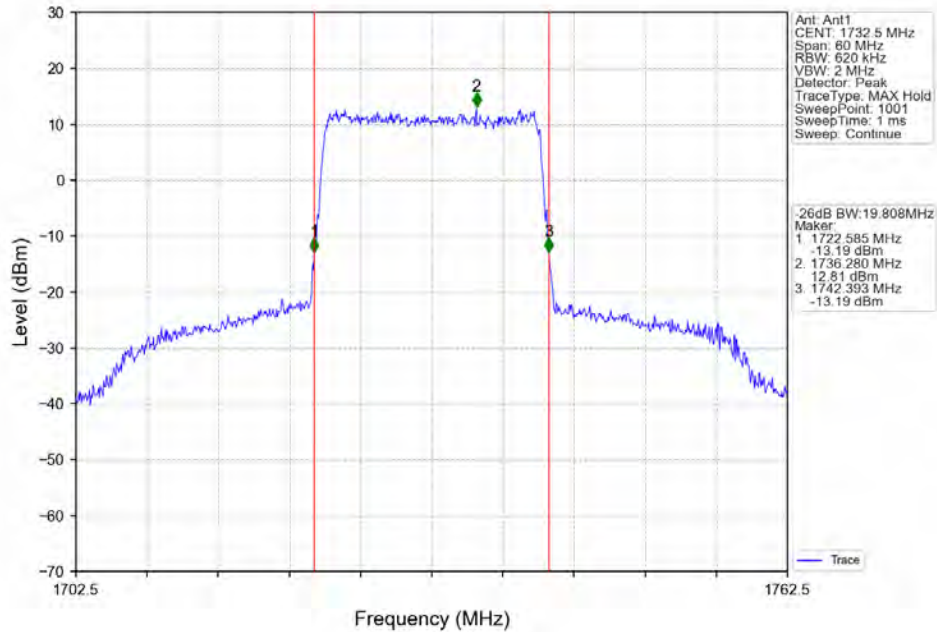
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Rev.: 01

Page: 133 of 263

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Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



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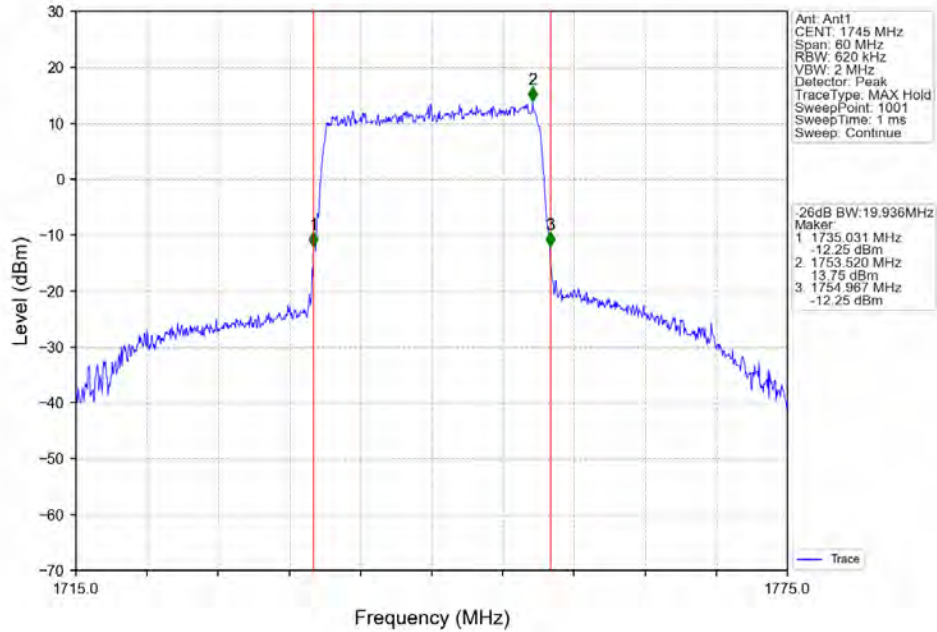
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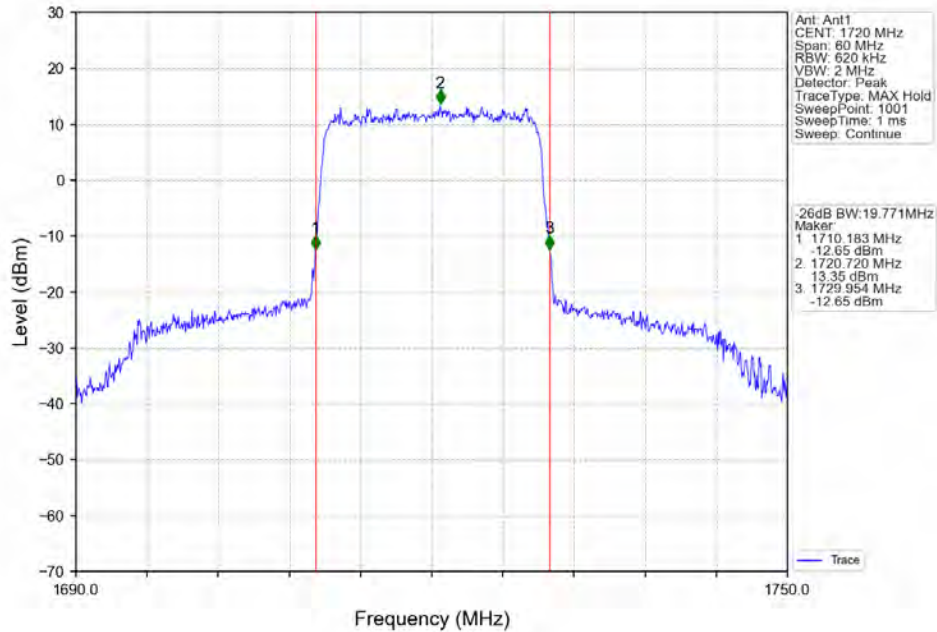
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Report No.: SUCR240200003402

Rev.: 01

Page: 135 of 263

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Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



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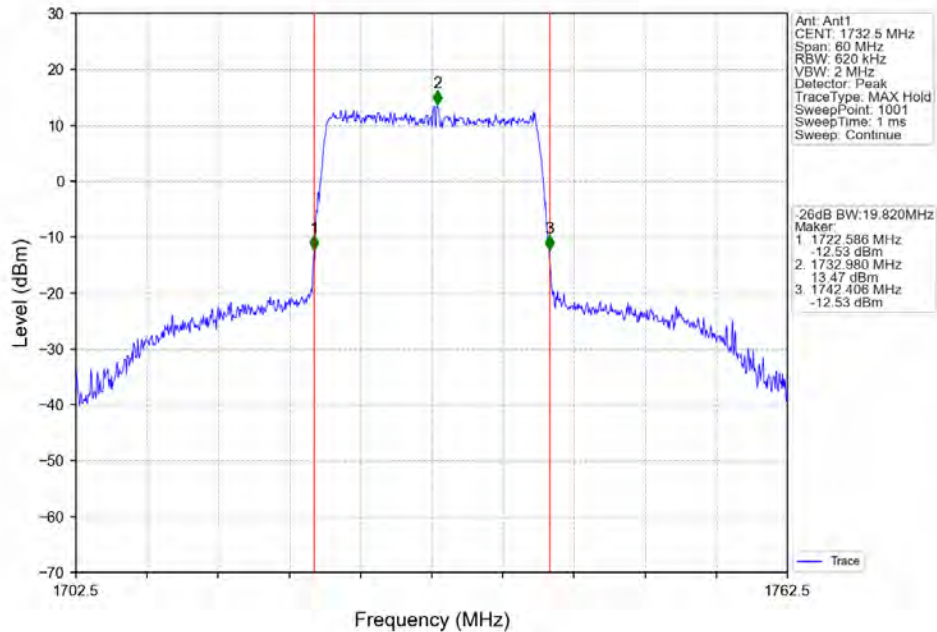
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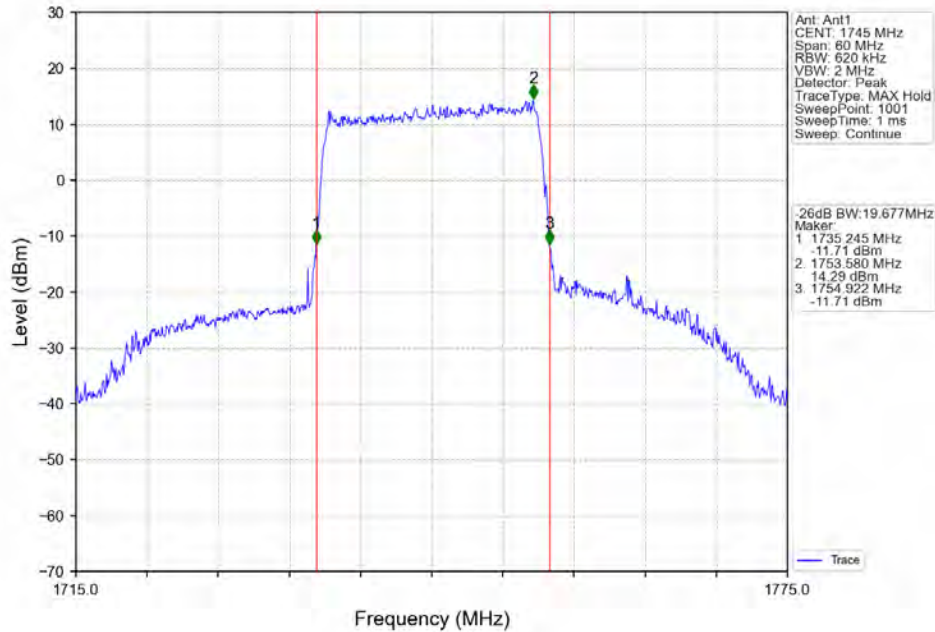
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Report No.: SUCR240200003402

Rev.: 01

Page: 137 of 263

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



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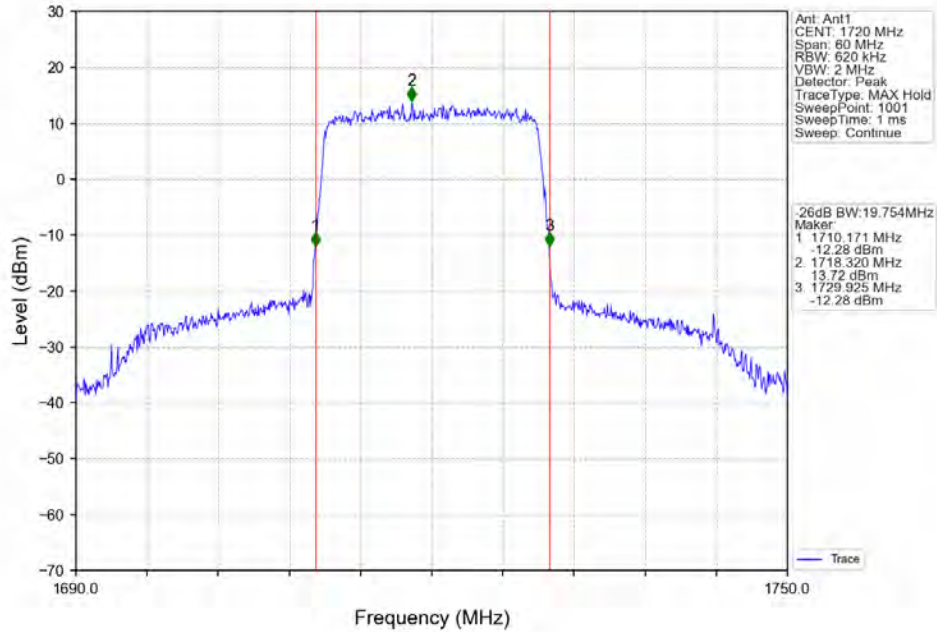
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Report No.: SUCR240200003402

Rev.: 01

Page: 138 of 263



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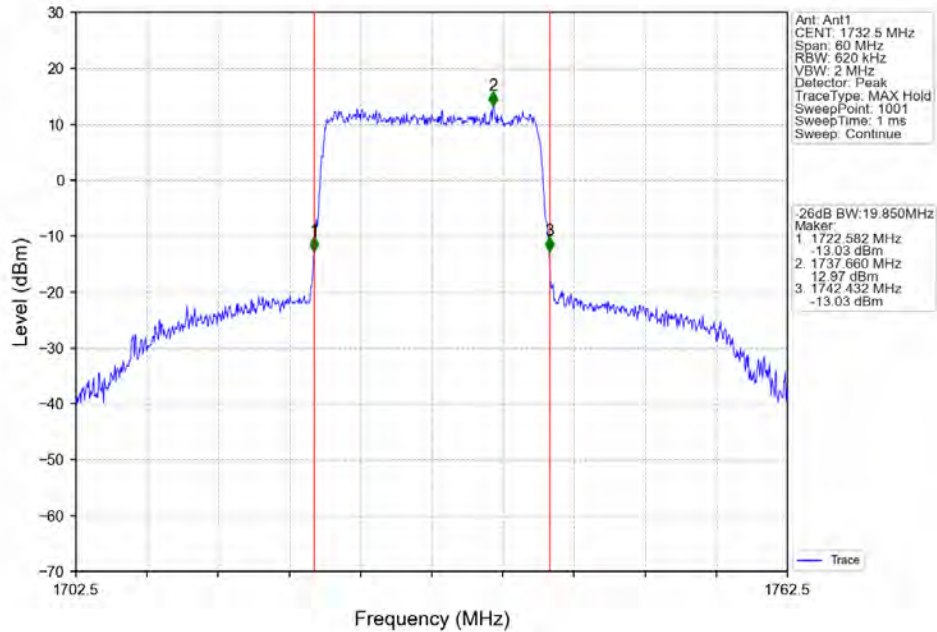
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Report No.: SUCR240200003402

Rev.: 01

Page: 139 of 263

Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



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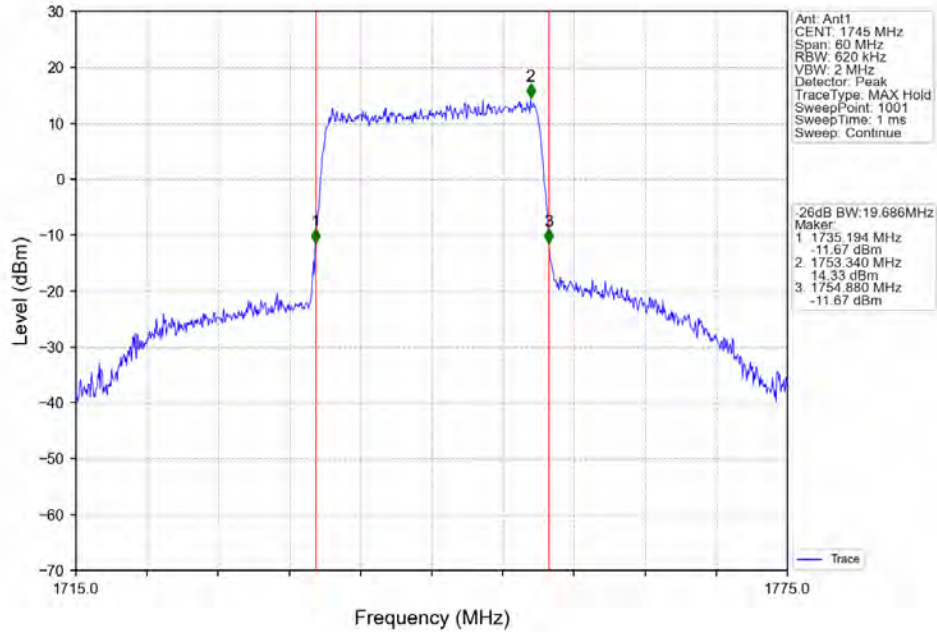
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Report No.: SUCR240200003402

Rev.: 01

Page: 140 of 263



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Report No.: SUCR240200003402
Rev.: 01
Page: 141 of 263

4. Peak-Average Ratio

4.1 B4_1.4MHz

4.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	6.35	<=13	Pass
	1732.5	6	0	6.40	<=13	Pass
	1754.3	6	0	6.23	<=13	Pass
16QAM	1710.7	6	0	7.22	<=13	Pass
	1732.5	6	0	7.09	<=13	Pass
	1754.3	6	0	6.85	<=13	Pass
64QAM	1710.7	6	0	7.00	<=13	Pass
	1732.5	6	0	7.50	<=13	Pass
	1754.3	6	0	7.03	<=13	Pass

4.2 B4_3MHz

4.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.34	<=13	Pass
	1732.5	15	0	6.34	<=13	Pass
	1753.5	15	0	6.29	<=13	Pass
16QAM	1711.5	15	0	7.18	<=13	Pass
	1732.5	15	0	7.15	<=13	Pass
	1753.5	15	0	7.00	<=13	Pass
64QAM	1711.5	15	0	7.29	<=13	Pass
	1732.5	15	0	7.36	<=13	Pass
	1753.5	15	0	7.10	<=13	Pass

4.3 B4_5MHz

4.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV				
Modulation	Frequency	RB Allocation	Peak-Average Ratio (dB)	Verdict



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Report No.: SUCR240200003402

Rev.: 01

Page: 142 of 263

	(MHz)	Size	Offset	Result	Limit	
QPSK	1712.5	25	0	6.27	<=13	Pass
	1732.5	25	0	6.27	<=13	Pass
	1752.5	25	0	6.15	<=13	Pass
16QAM	1712.5	25	0	6.95	<=13	Pass
	1732.5	25	0	6.96	<=13	Pass
	1752.5	25	0	6.87	<=13	Pass
64QAM	1712.5	25	0	7.12	<=13	Pass
	1732.5	25	0	7.11	<=13	Pass
	1752.5	25	0	7.00	<=13	Pass

4.4 B4_10MHz

4.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	6.13	<=13	Pass
	1732.5	50	0	6.14	<=13	Pass
	1750	50	0	6.06	<=13	Pass
16QAM	1715	50	0	6.87	<=13	Pass
	1732.5	50	0	6.93	<=13	Pass
	1750	50	0	6.85	<=13	Pass
64QAM	1715	50	0	7.04	<=13	Pass
	1732.5	50	0	7.11	<=13	Pass
	1750	50	0	6.98	<=13	Pass

4.5 B4_15MHz

4.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.58	<=13	Pass
	1732.5	75	0	6.64	<=13	Pass
	1747.5	75	0	6.55	<=13	Pass
16QAM	1717.5	75	0	7.00	<=13	Pass
	1732.5	75	0	7.07	<=13	Pass
	1747.5	75	0	6.96	<=13	Pass
64QAM	1717.5	75	0	7.06	<=13	Pass
	1732.5	75	0	7.15	<=13	Pass
	1747.5	75	0	7.11	<=13	Pass



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Rev.: 01
Page: 143 of 263

4.6 B4_20MHz

4.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.01	<=13	Pass
	1732.5	100	0	6.17	<=13	Pass
	1745	100	0	6.15	<=13	Pass
16QAM	1720	100	0	6.85	<=13	Pass
	1732.5	100	0	6.96	<=13	Pass
	1745	100	0	6.87	<=13	Pass
64QAM	1720	100	0	7.07	<=13	Pass
	1732.5	100	0	7.13	<=13	Pass
	1745	100	0	7.06	<=13	Pass



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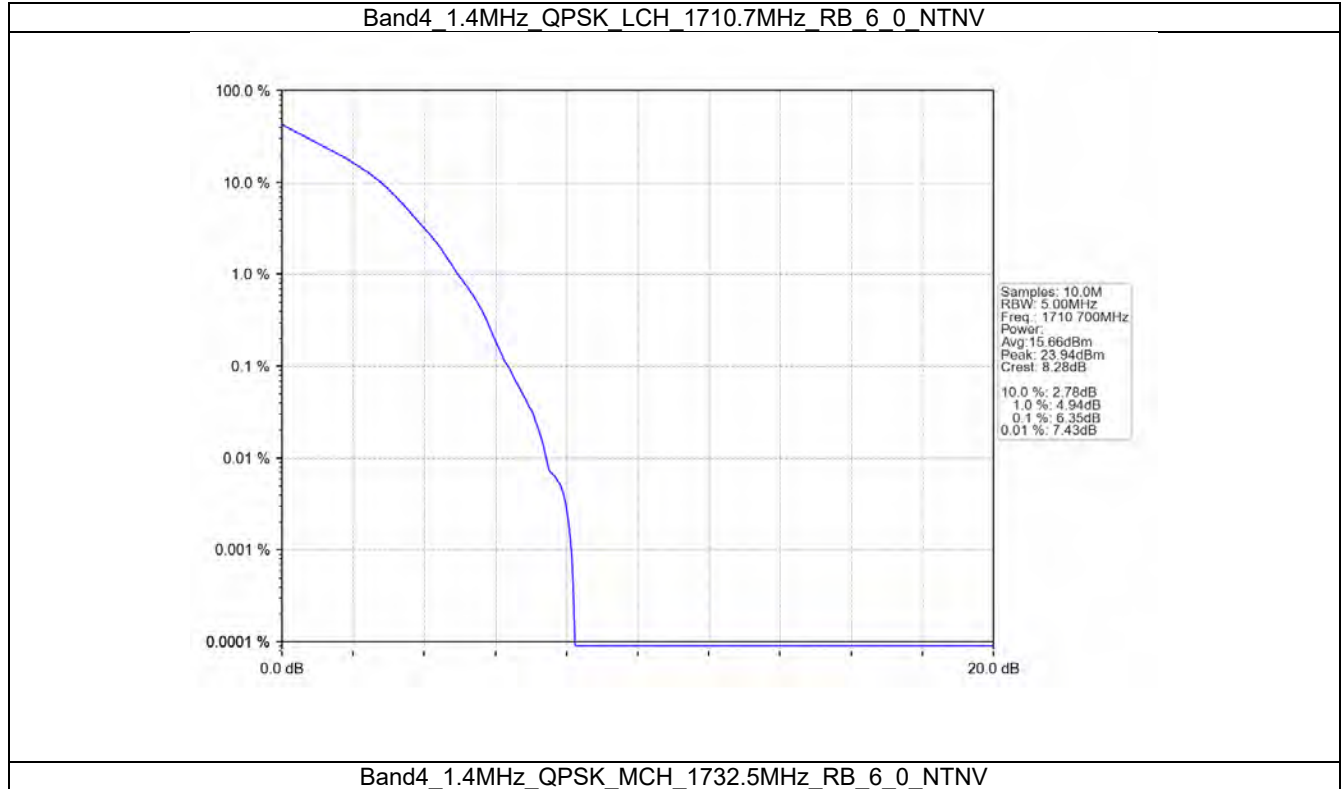
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4.1 B4_1.4MHz

4.1.2 Test Graph



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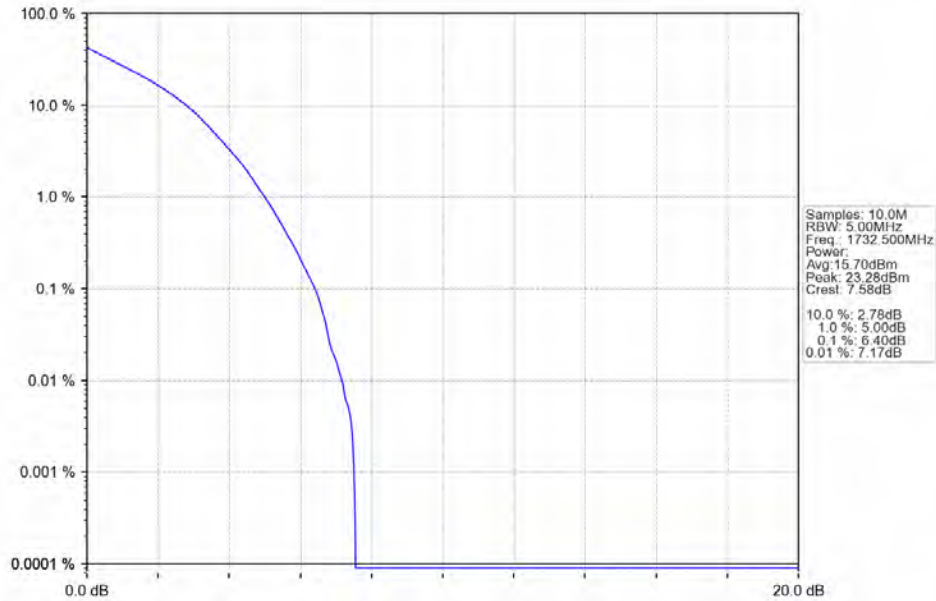
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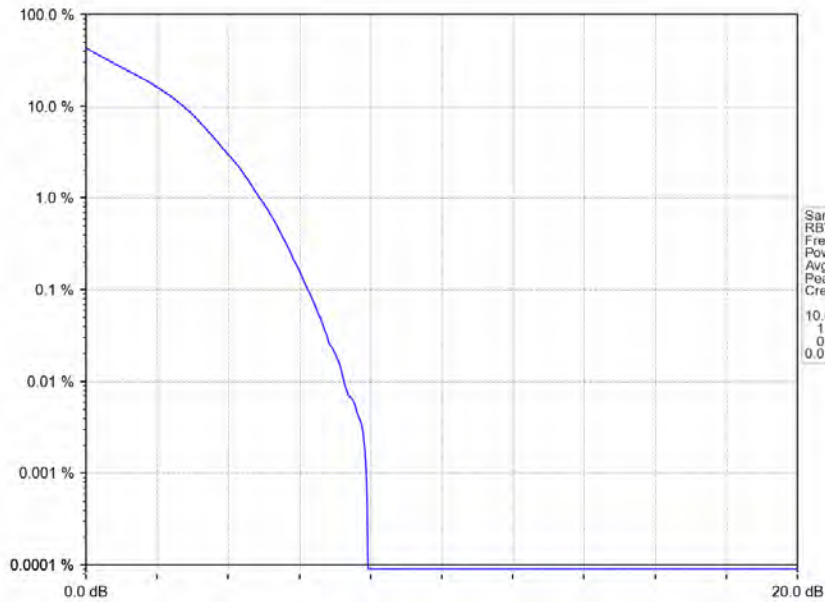
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Report No.: SUCR240200003402

Rev.: 01

Page: 146 of 263

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1754.300MHz
Power:
Avg: 18.22dBm
Peak: 26.15dBm
Crest: 7.93dB
10.0%: 2.73dB
1.0%: 4.88dB
0.1%: 6.23dB
0.01%: 7.25dB

Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



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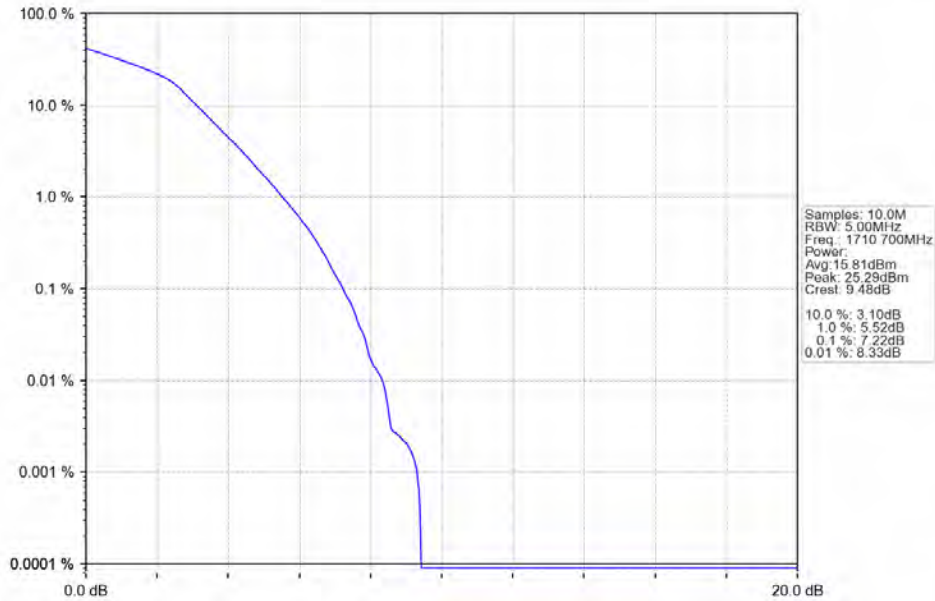
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Report No.: SUCR240200003402

Rev.: 01

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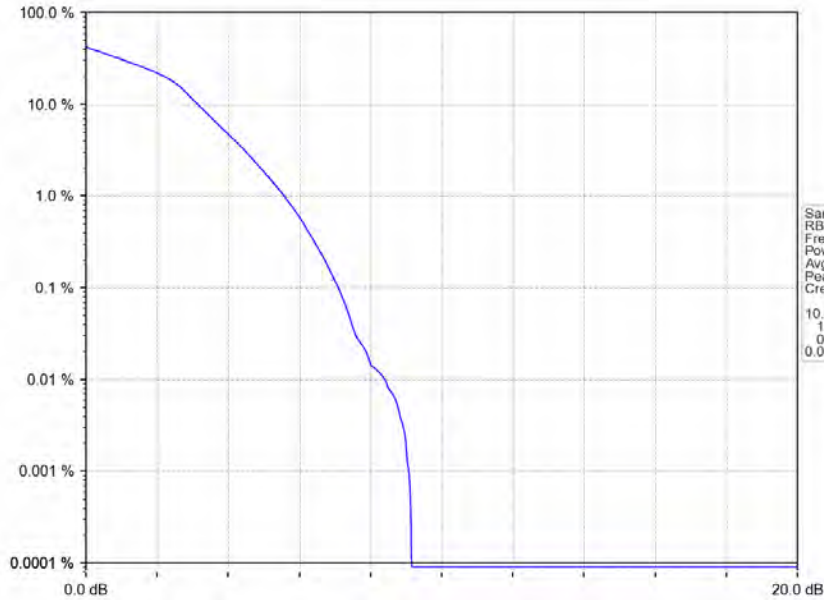
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Report No.: SUCR240200003402

Rev.: 01

Page: 148 of 263

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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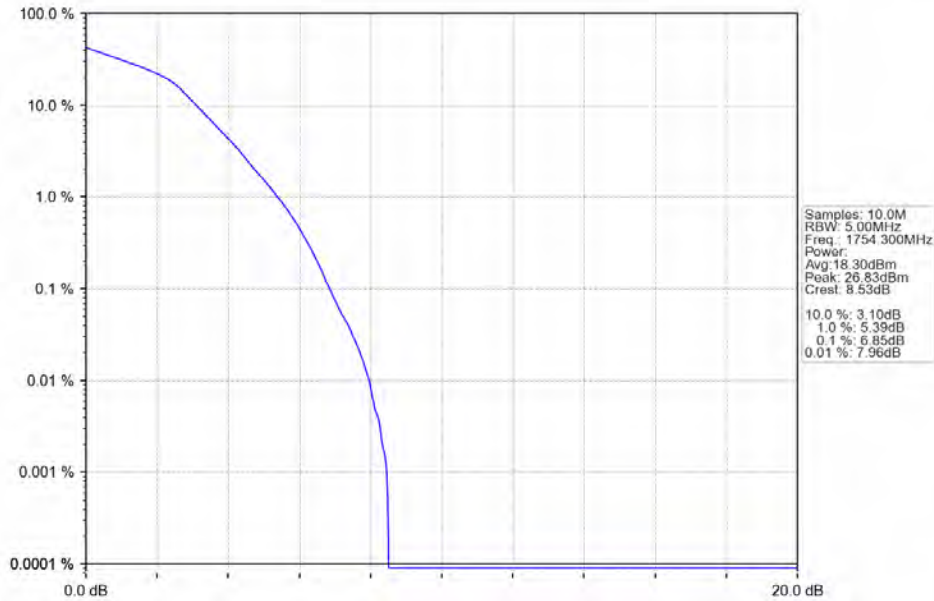
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Report No.: SUCR240200003402

Rev.: 01

Page: 149 of 263



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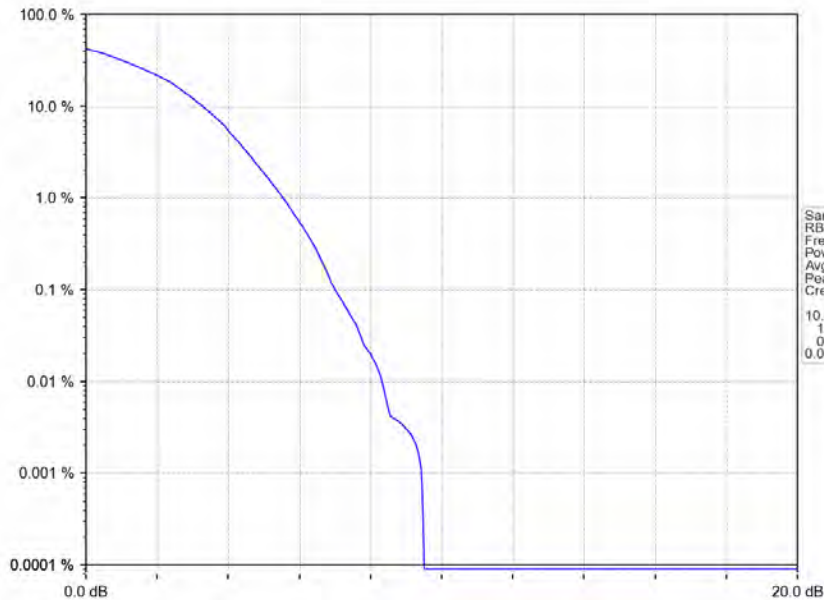
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Report No.: SUCR240200003402

Rev.: 01

Page: 150 of 263

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1710.700MHz
Power:
Avg: 15.83dBm
Peak: 25.41dBm
Crest: 9.58dB
10.0 %: 3.27dB
1.0 %: 5.54dB
0.1 %: 7.00dB
0.01 %: 8.32dB

Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



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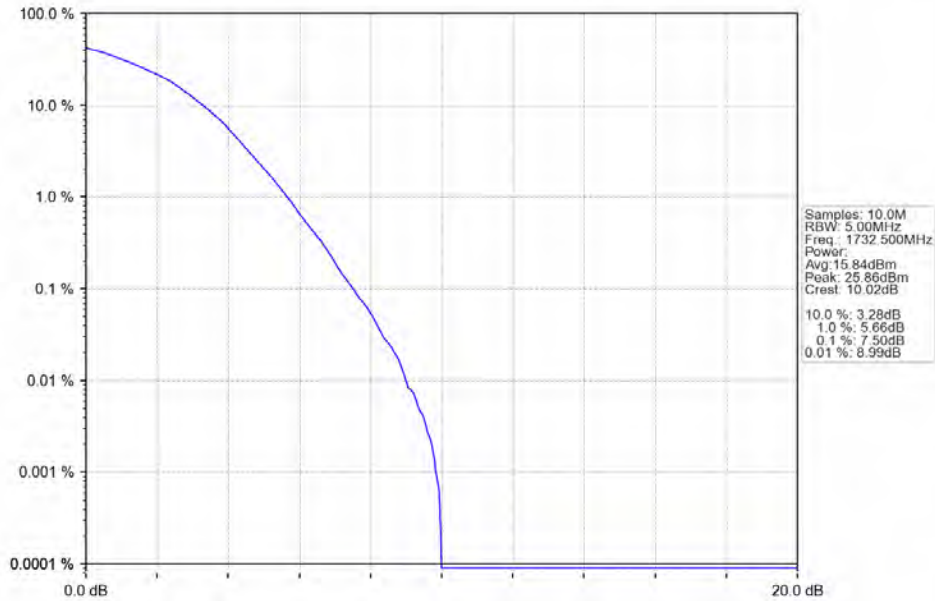
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Rev.: 01

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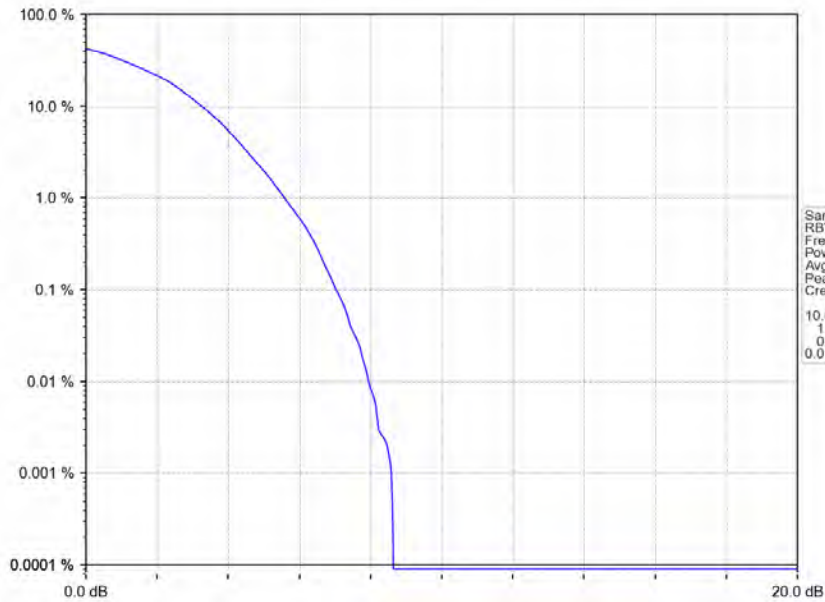
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Report No.: SUCR240200003402

Rev.: 01

Page: 152 of 263

Band4 1.4MHz 64QAM HCH 1754.3MHz_RB_6_0 NTN



Samples: 10.0M
RBW: 5.00MHz
Freq: 1754.300MHz
Power:
Avg: 18.31dBm
Peak: 26.98dBm
Crest: 8.67dB
10.0 %: 3.25dB
1.0 %: 5.58dB
0.1 %: 7.03dB
0.01 %: 7.94dB



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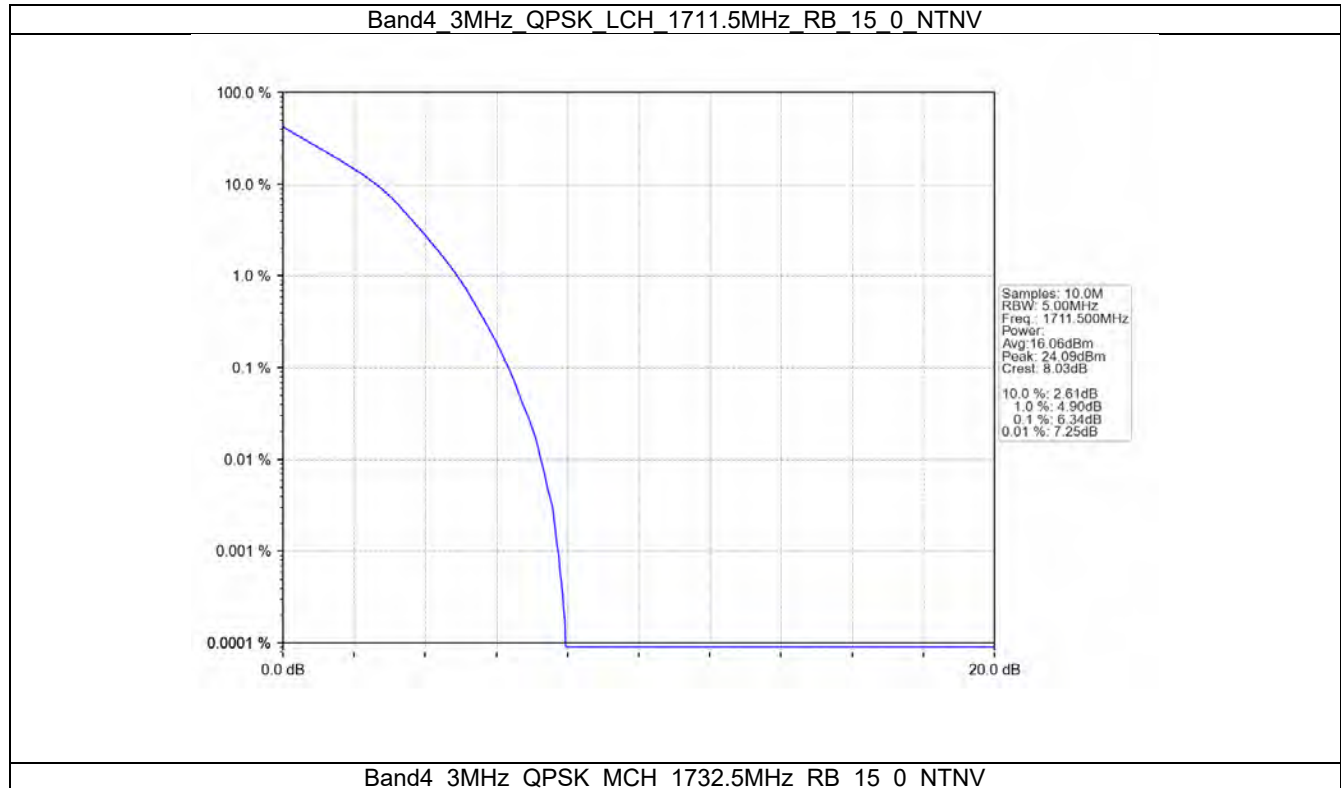
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Report No.: SUCR240200003402
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Page: 153 of 263

4.2 B4_3MHz

4.2.2 Test Graph



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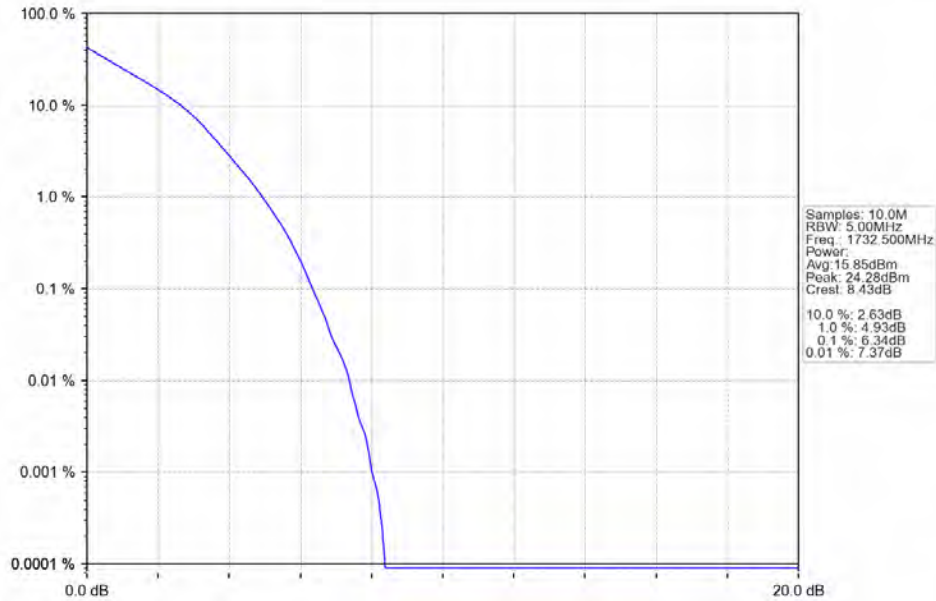
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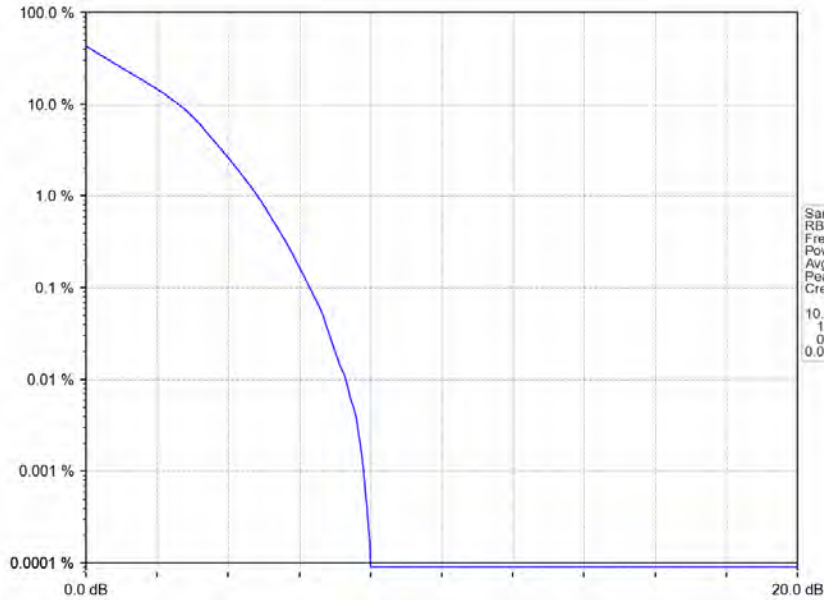
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Report No.: SUCR240200003402

Rev.: 01

Page: 155 of 263

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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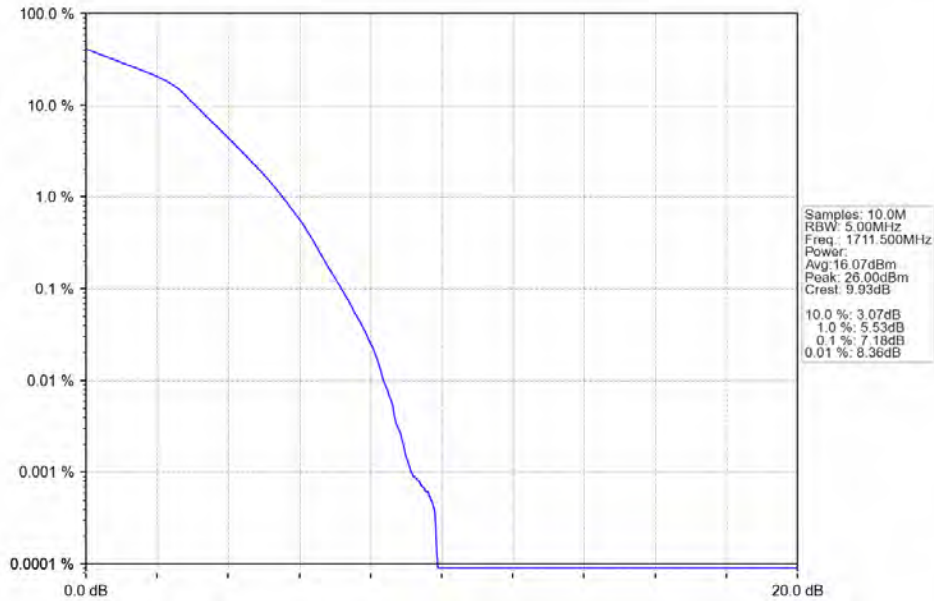
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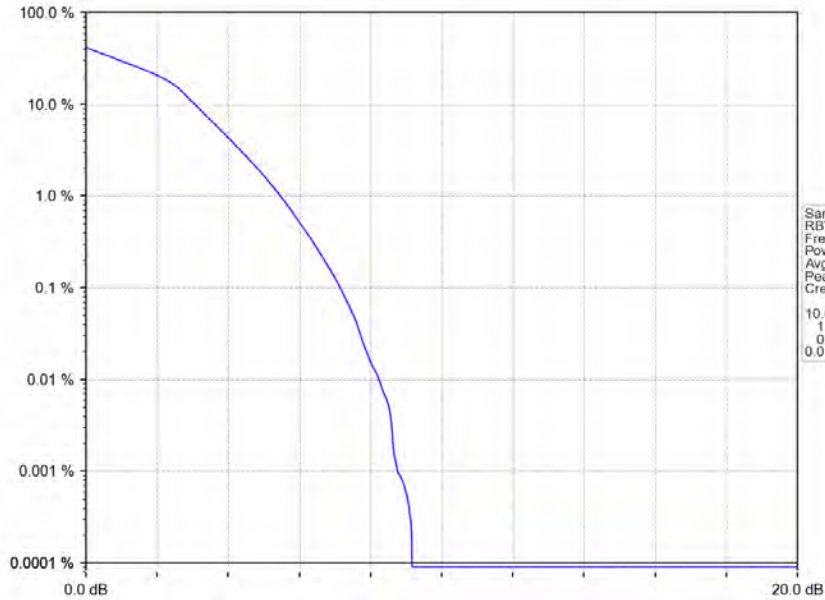
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Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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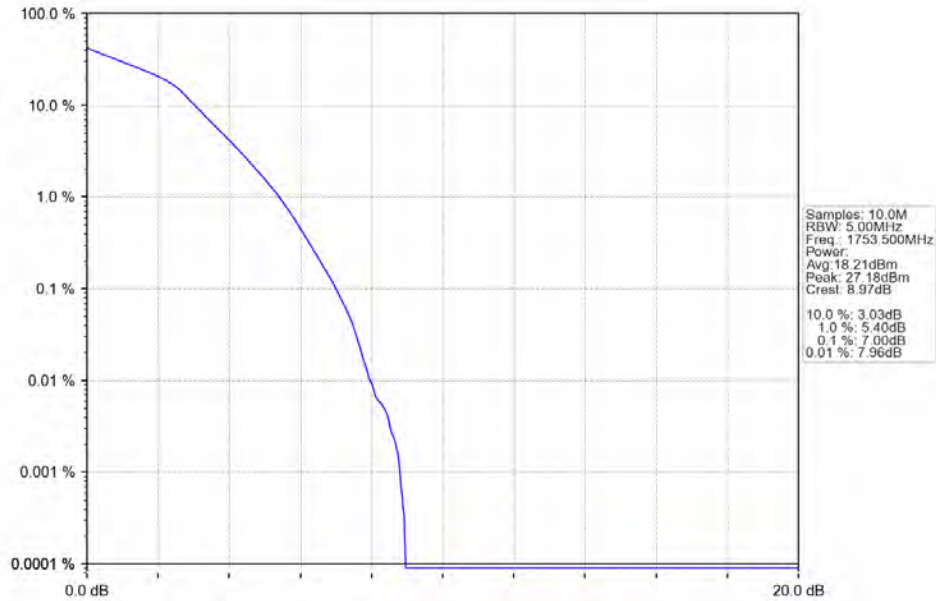
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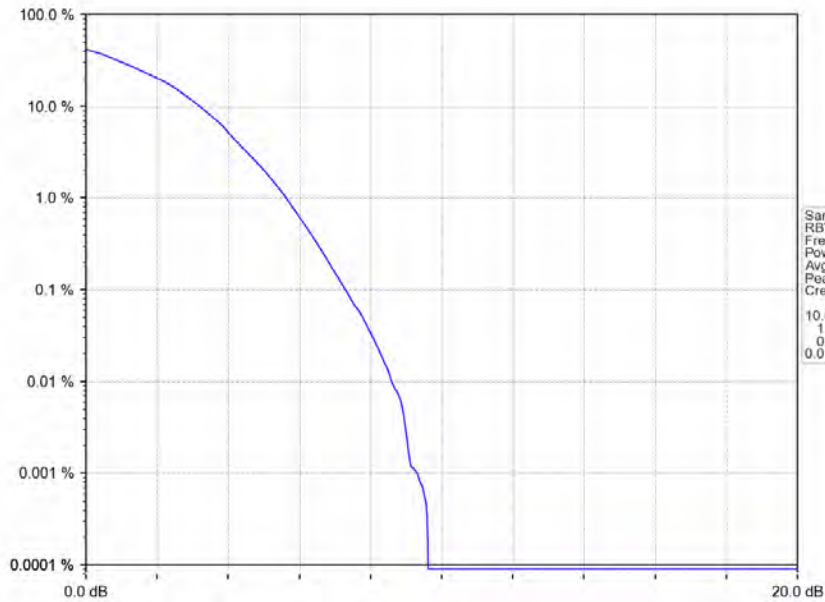
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Report No.: SUCR240200003402

Rev.: 01

Page: 159 of 263

Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1711.500MHz
Power:
Avg: 16.09dBm
Peak: 25.75dBm
Crest: 9.66dB
10.0 %: 3.19dB
1.0 %: 5.63dB
0.1 %: 7.29dB
0.01 %: 8.59dB

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



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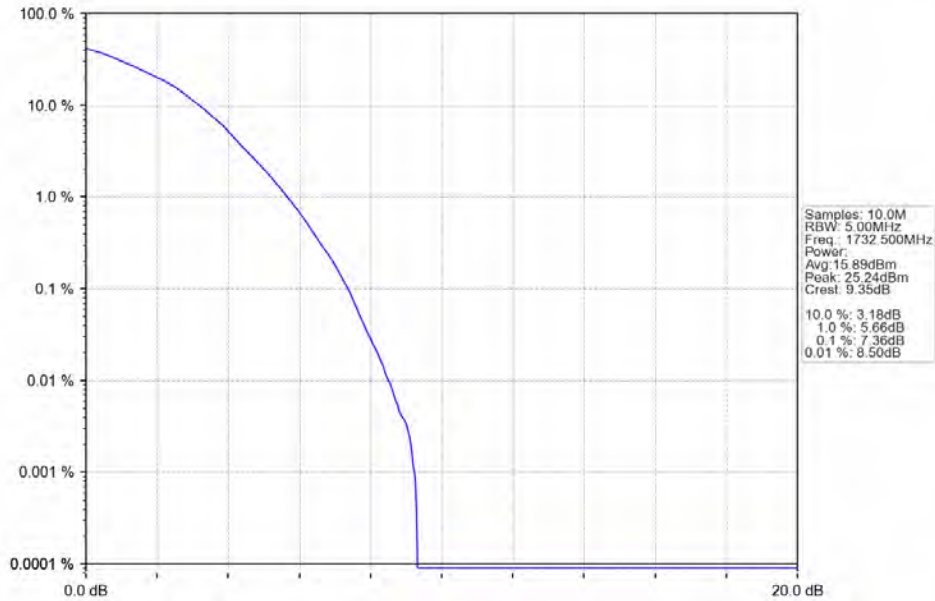
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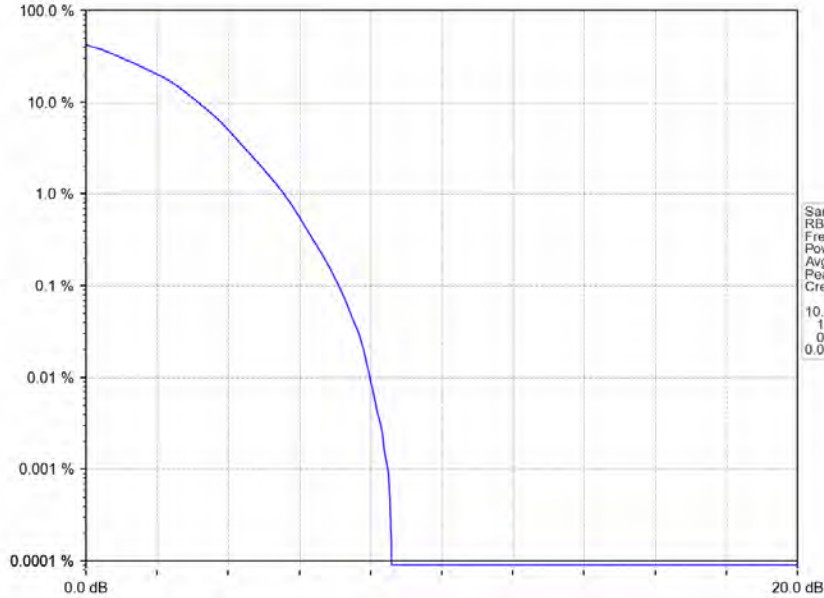
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Report No.: SUCR240200003402

Rev.: 01

Page: 161 of 263

Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1753.500MHz
Power:
Avg: 18.21dBm
Peak: 26.81dBm
Crest: 8.60dB
10.0 %: 3.15dB
1.0 %: 5.56dB
0.1 %: 7.10dB
0.01 %: 7.98dB



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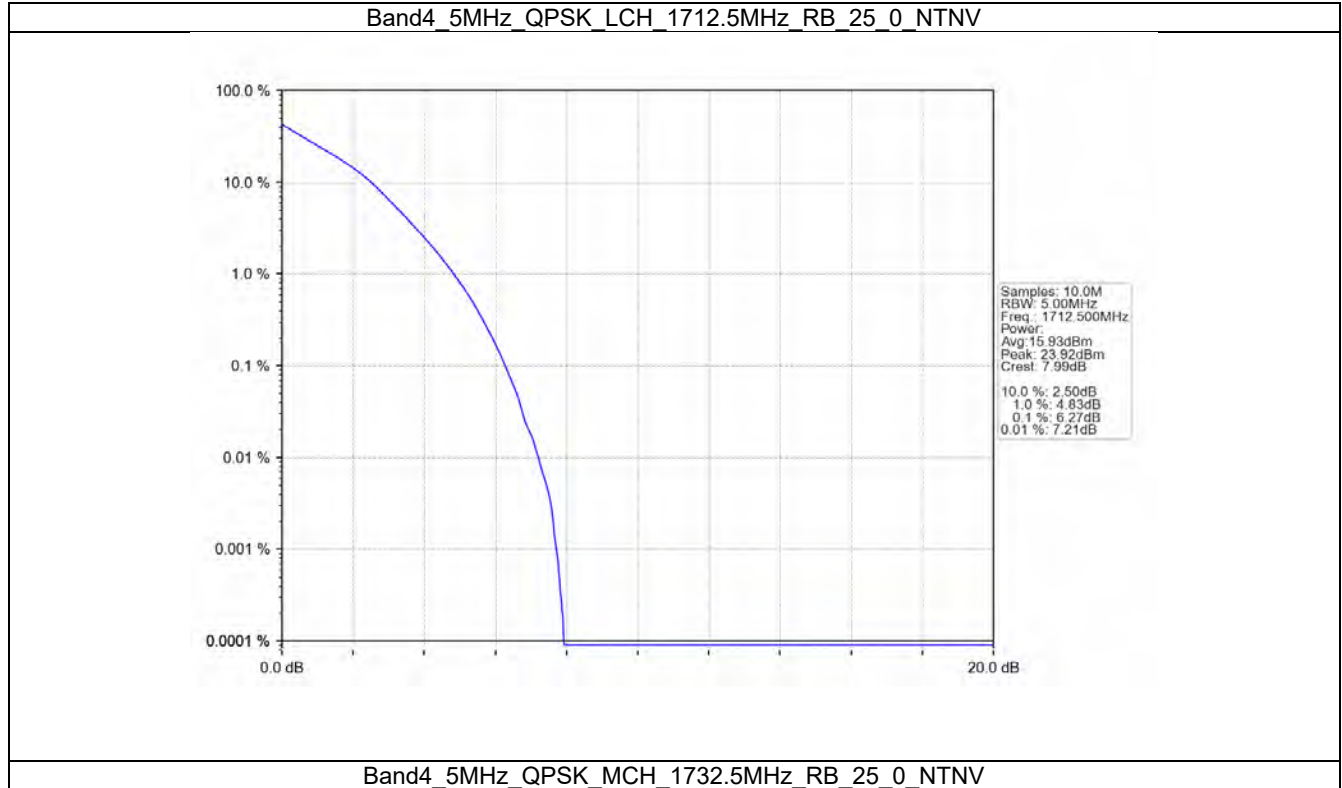
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Report No.: SUCR240200003402
Rev.: 01
Page: 162 of 263

4.3 B4_5MHz

4.3.2 Test Graph



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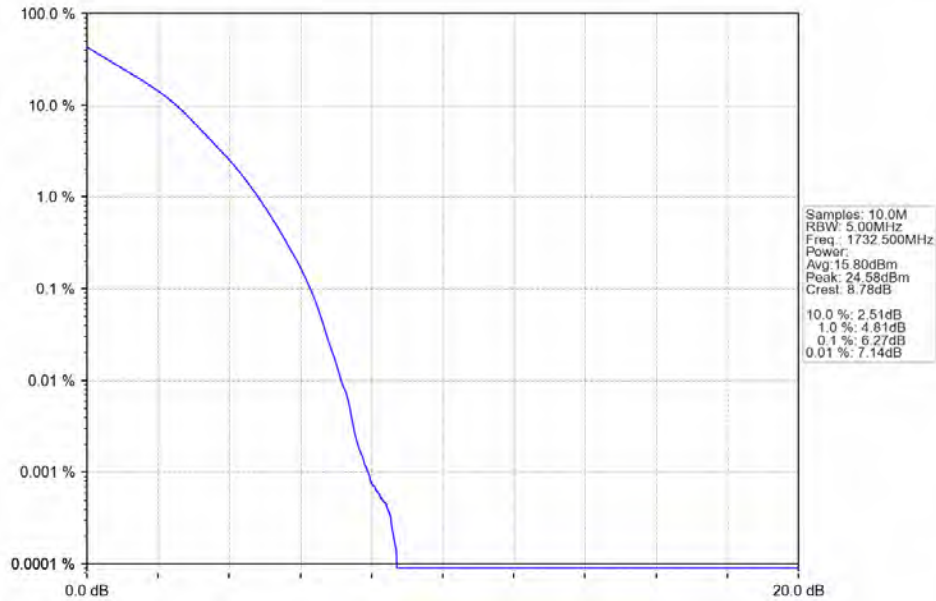
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Page: 163 of 263



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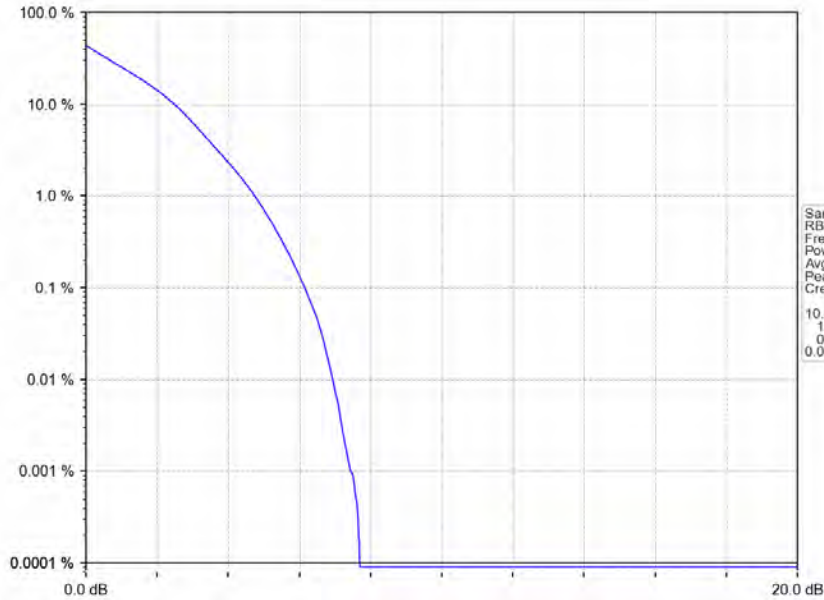
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Page: 164 of 263

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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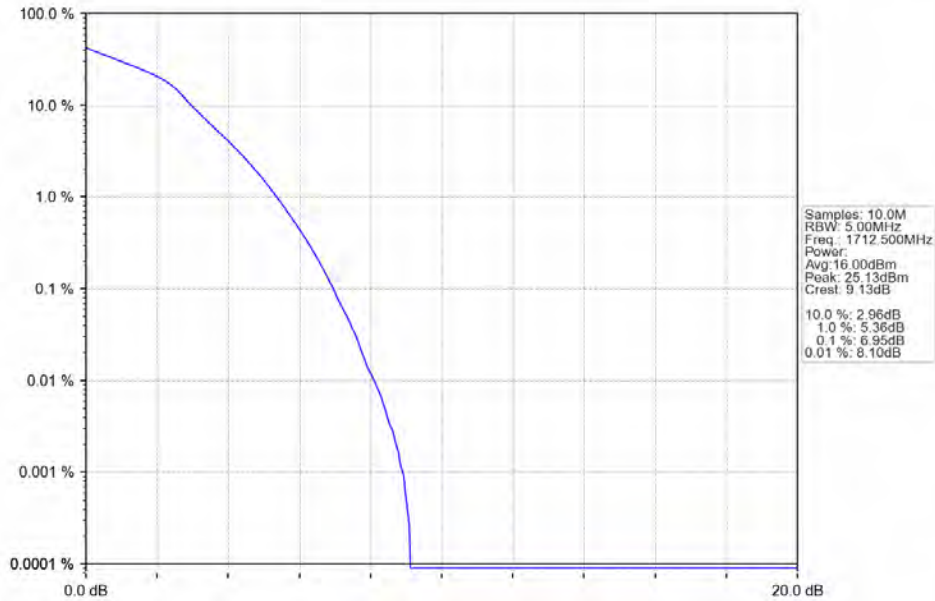
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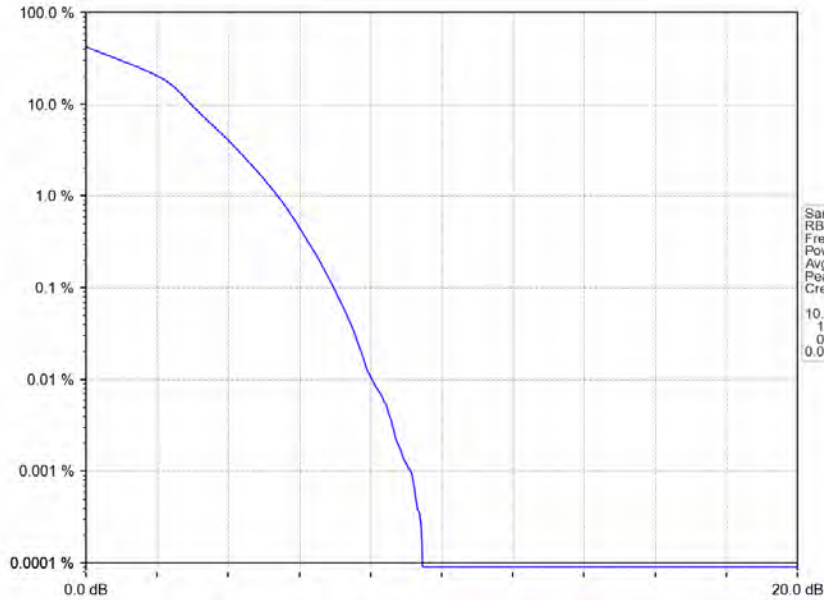
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Report No.: SUCR240200003402

Rev.: 01

Page: 166 of 263

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1732.500MHz
Power:
Avg: 15.87dBm
Peak: 25.39dBm
Crest: 9.52dB
10.0%: 2.95dB
1.0%: 5.39dB
0.1%: 6.96dB
0.01%: 8.04dB

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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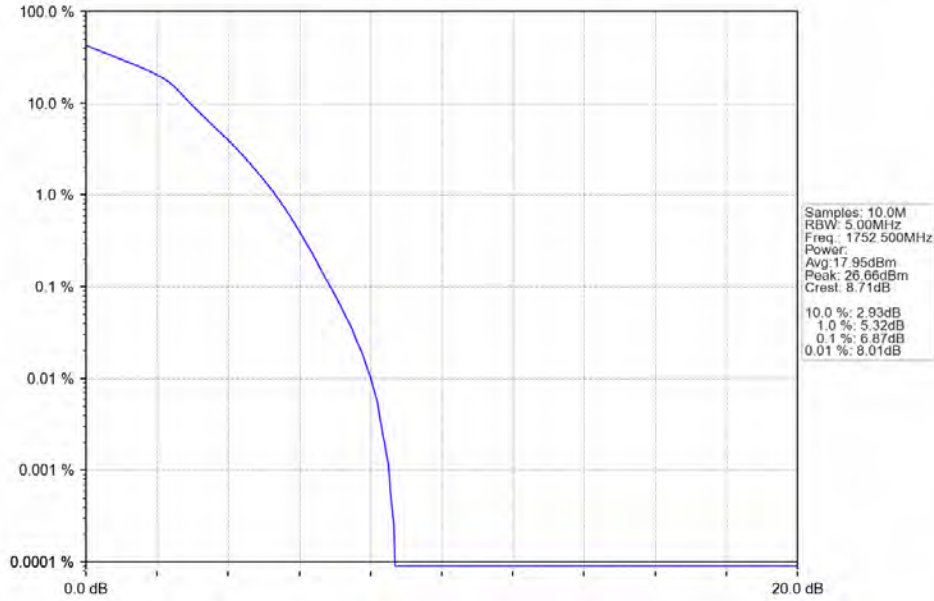
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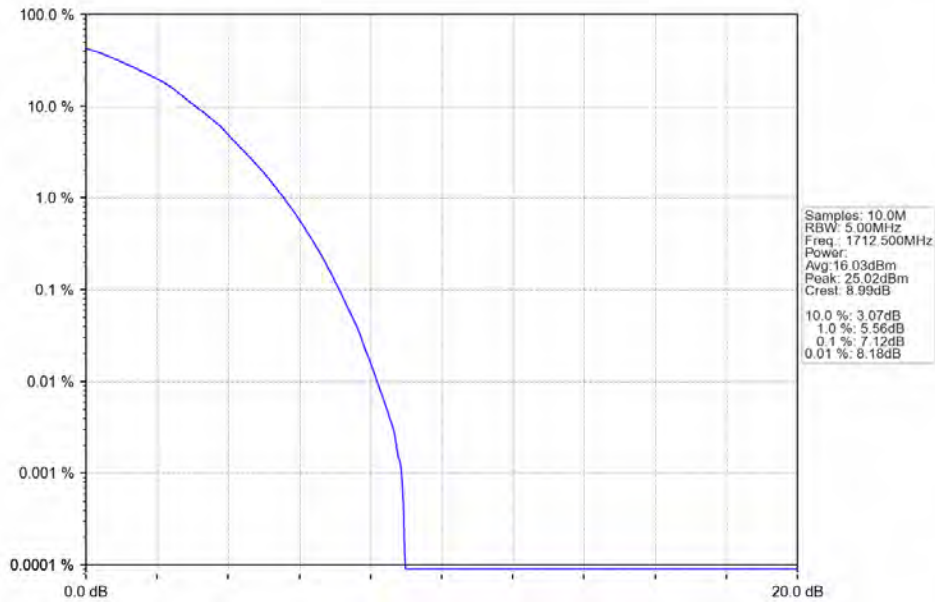
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Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



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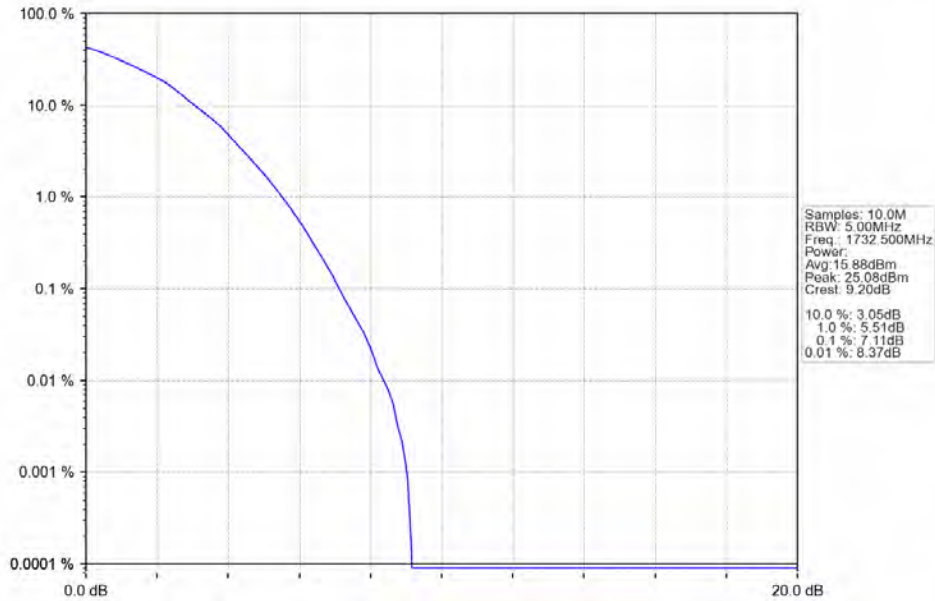
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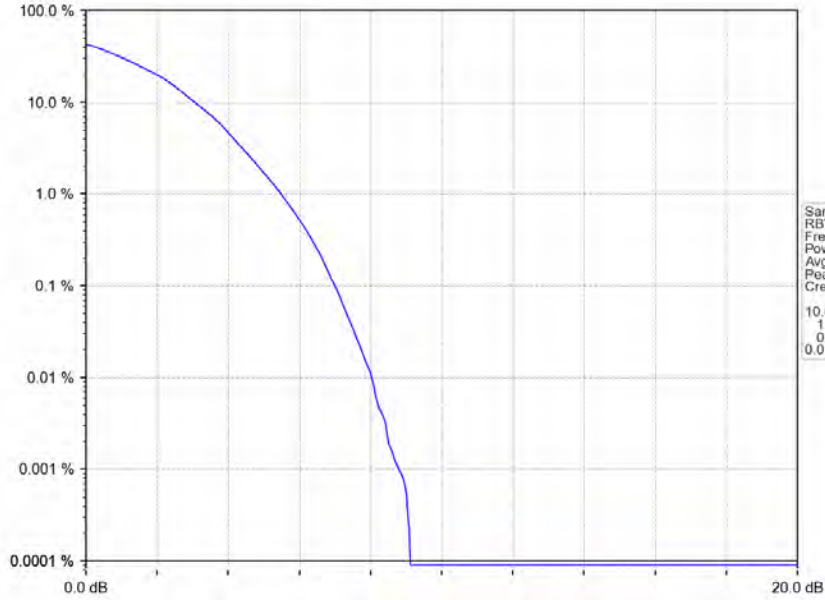
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Rev.: 01

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Samples: 10.0M
RBW: 5.00MHz
Freq: 1752.500MHz
Power:
Avg: 17.93dBm
Peak: 27.06dBm
Crest: 9.13dB
10.0 %: 3.05dB
1.0 %: 5.48dB
0.1 %: 7.00dB
0.01 %: 8.03dB



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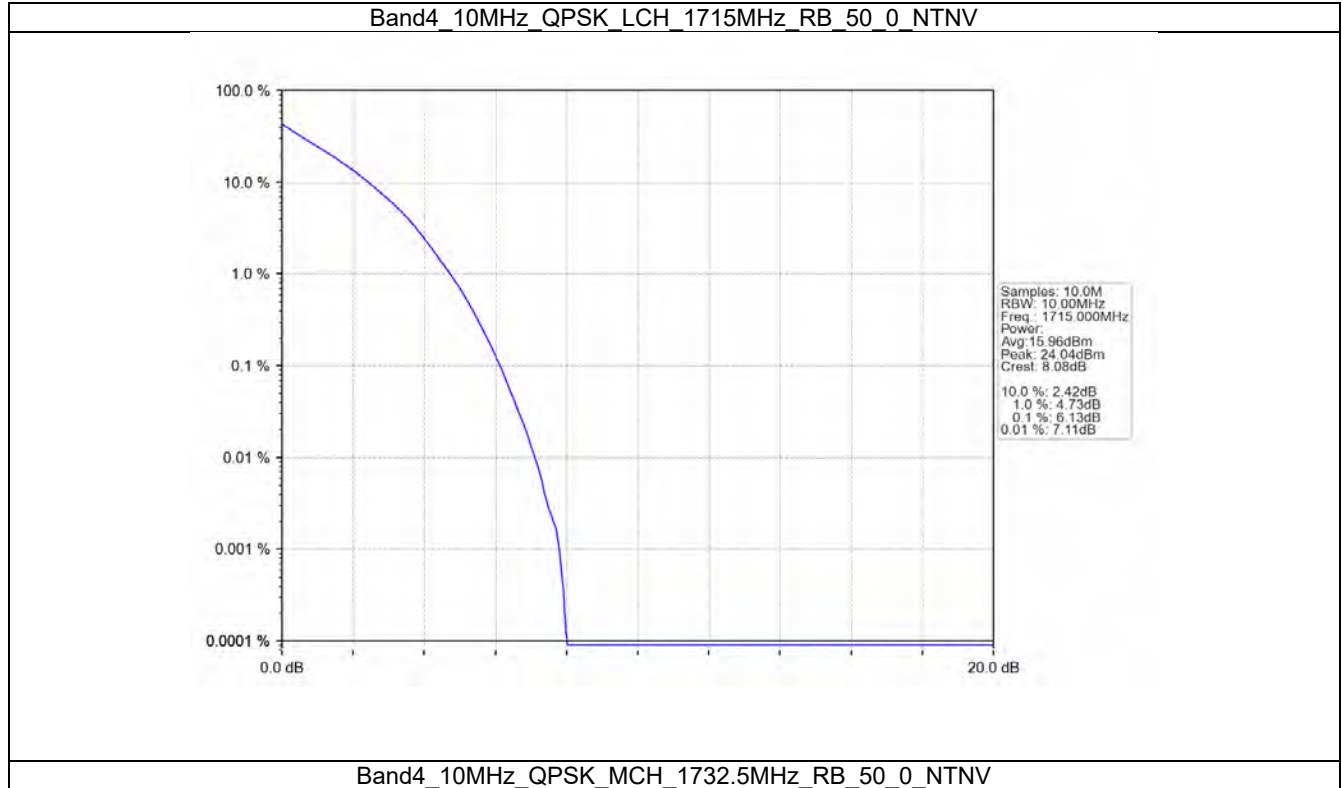
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4.4 B4_10MHz

4.4.2 Test Graph



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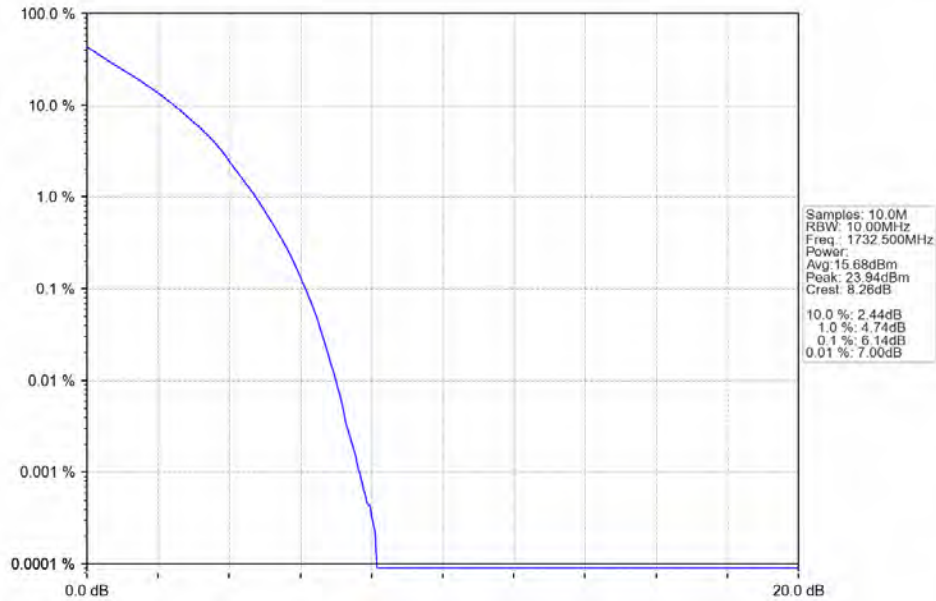
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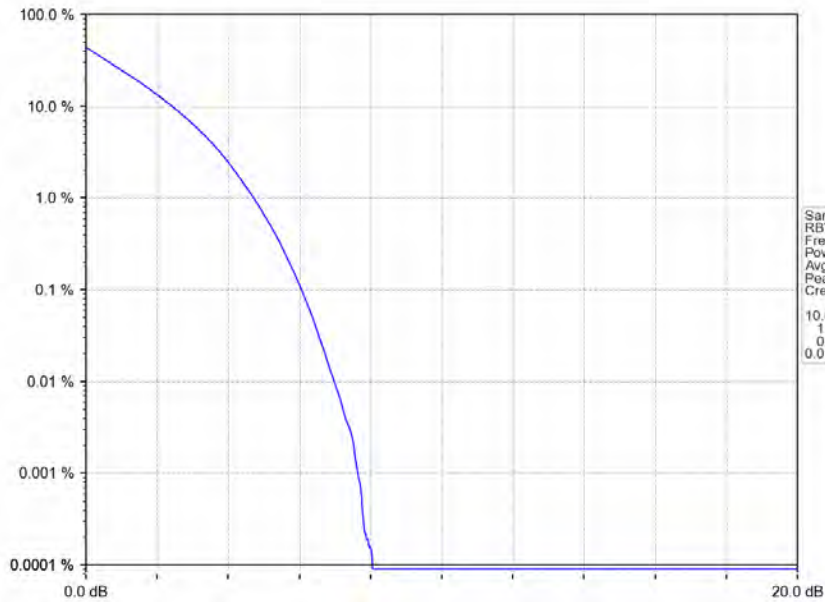
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Report No.: SUCR240200003402

Rev.: 01

Page: 173 of 263

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



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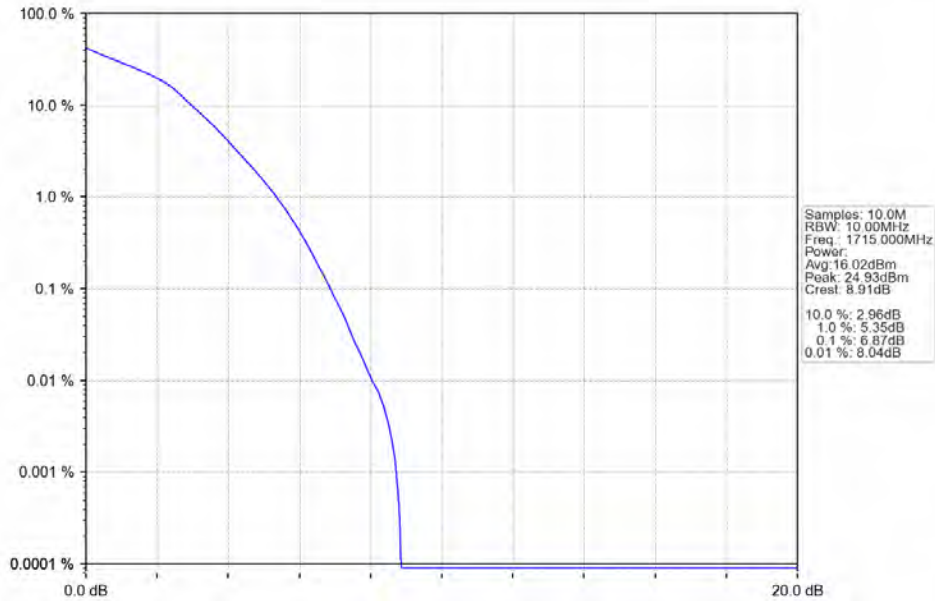
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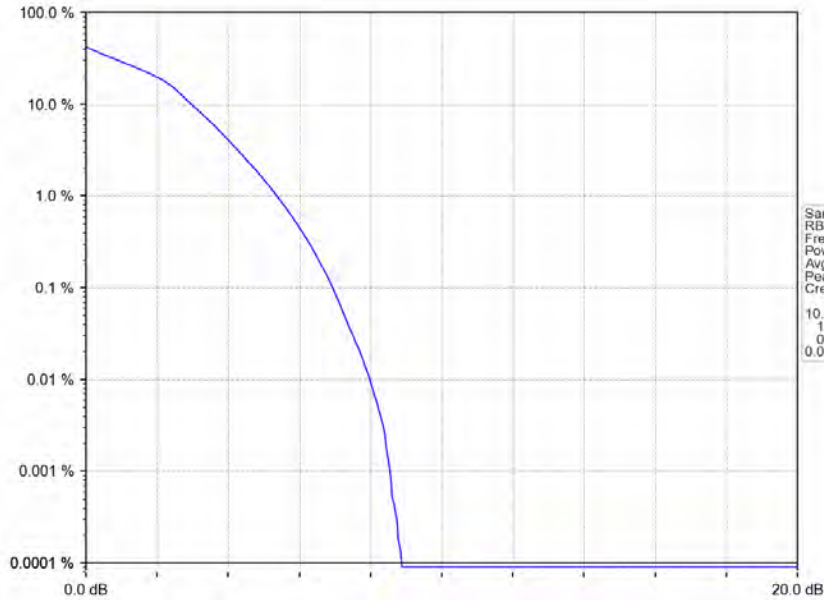
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Report No.: SUCR240200003402

Rev.: 01

Page: 175 of 263

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



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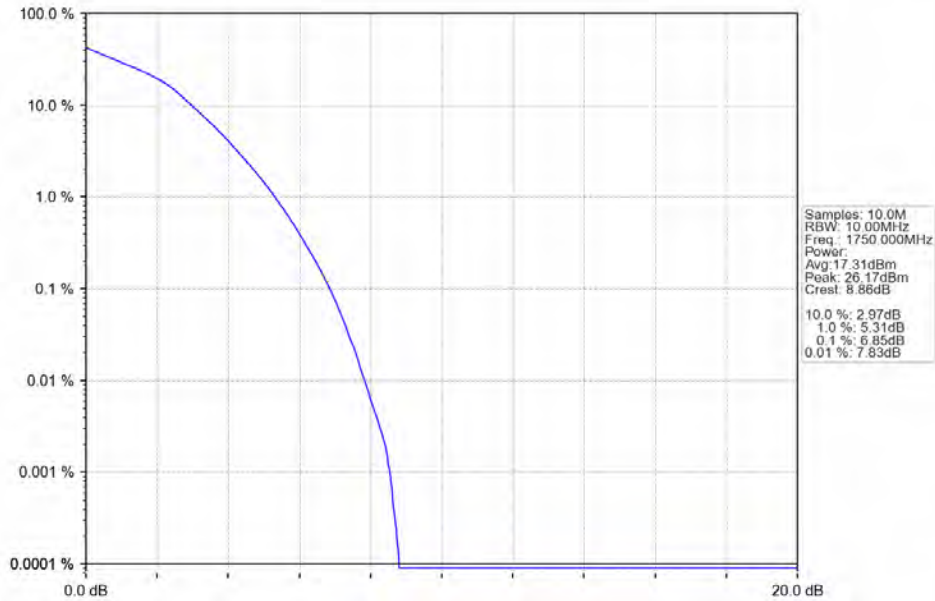
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Report No.: SUCR240200003402
Rev.: 01
Page: 176 of 263



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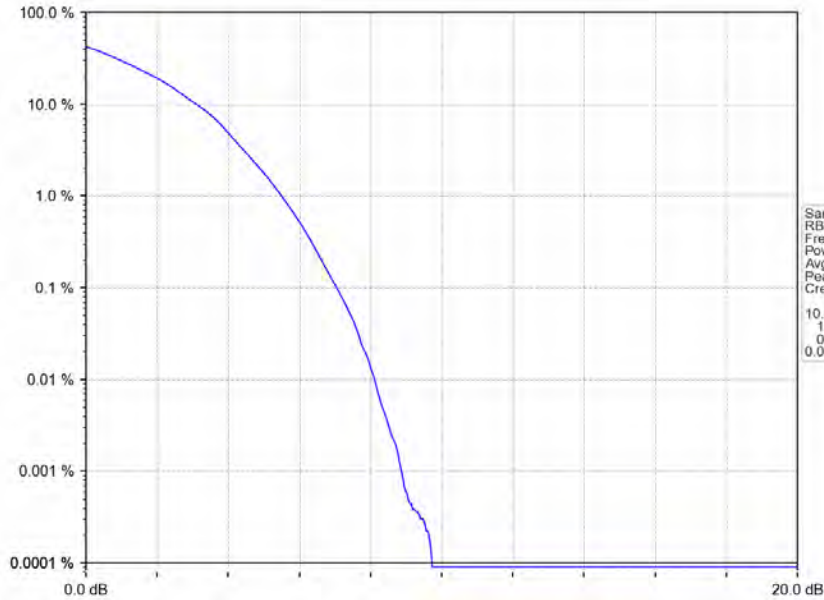
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Report No.: SUCR240200003402

Rev.: 01

Page: 177 of 263

Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



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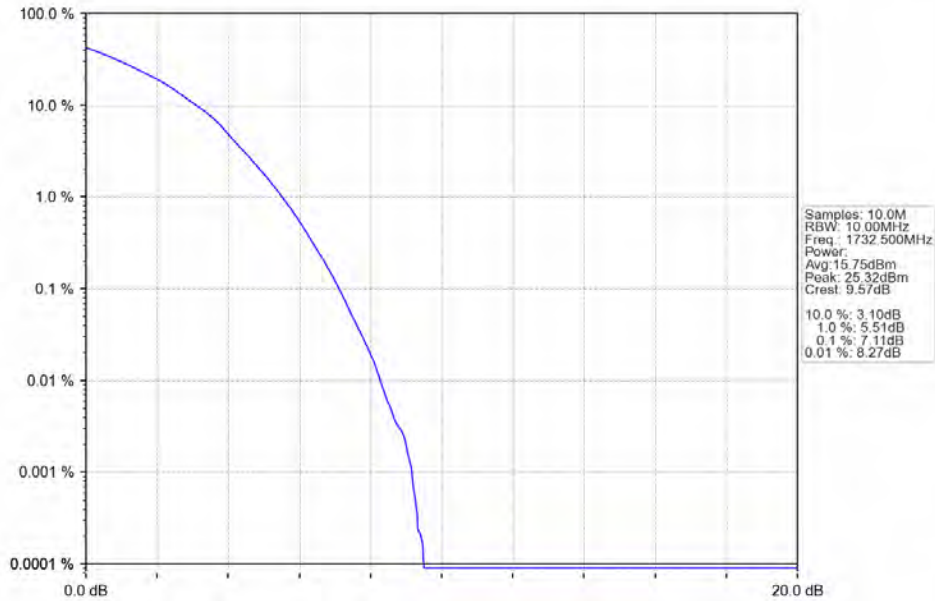
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Rev.: 01

Page: 178 of 263



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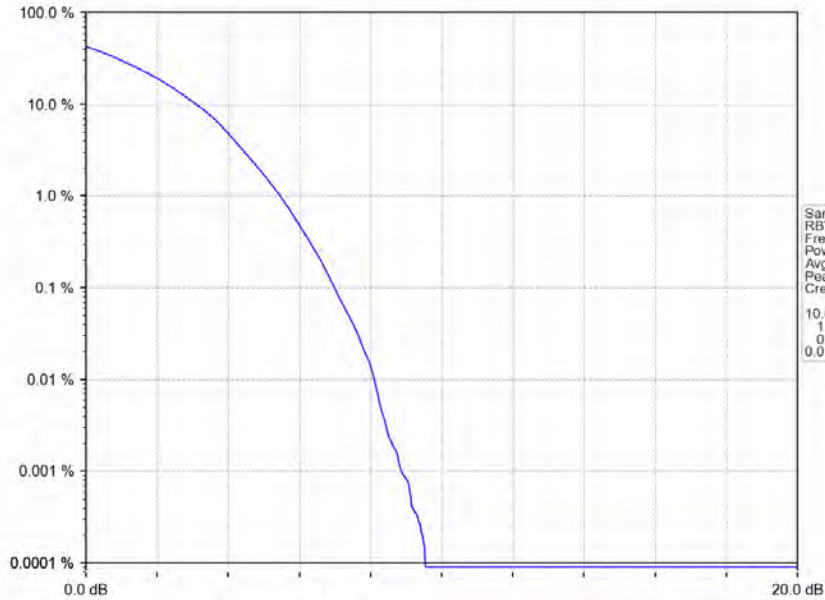
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Report No.: SUCR240200003402

Rev.: 01

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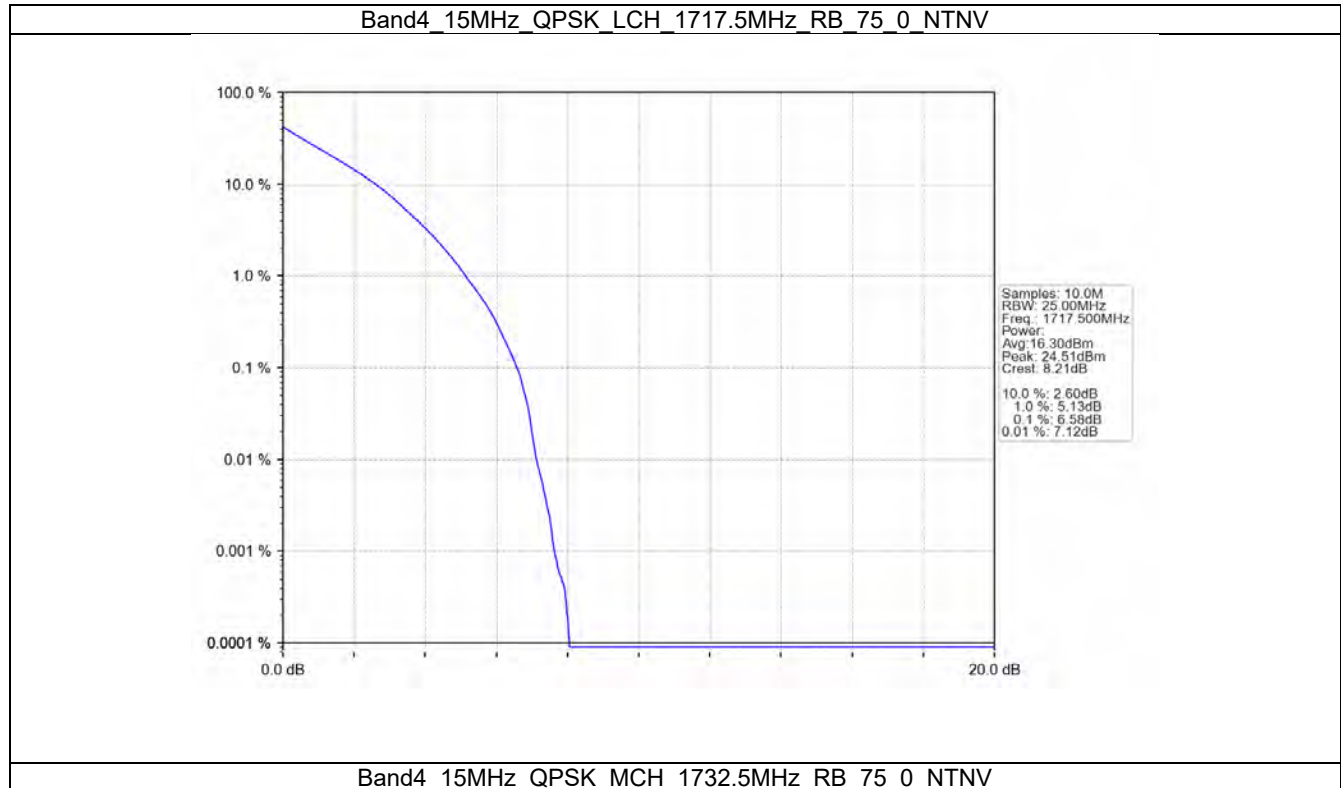
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4.5 B4_15MHz

4.5.2 Test Graph



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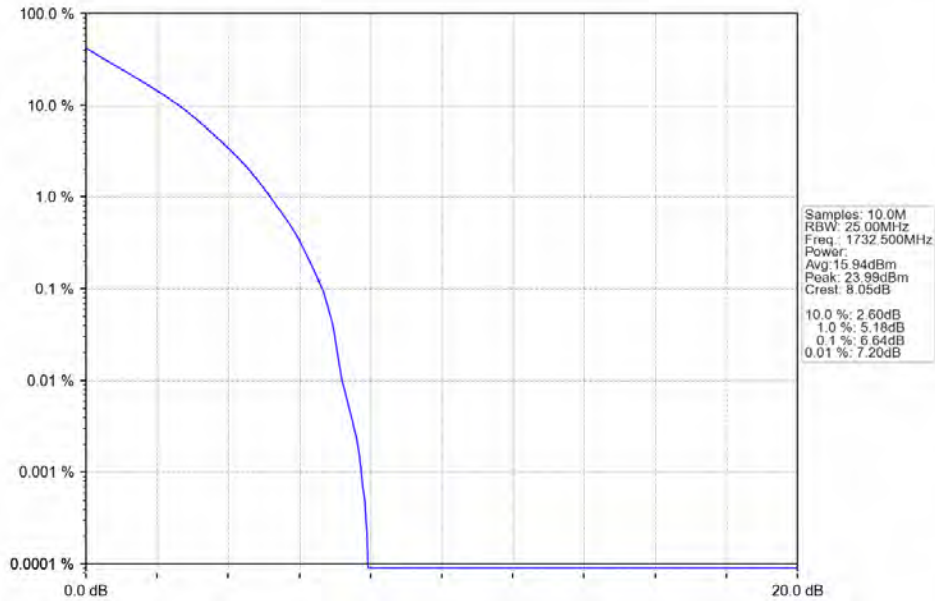
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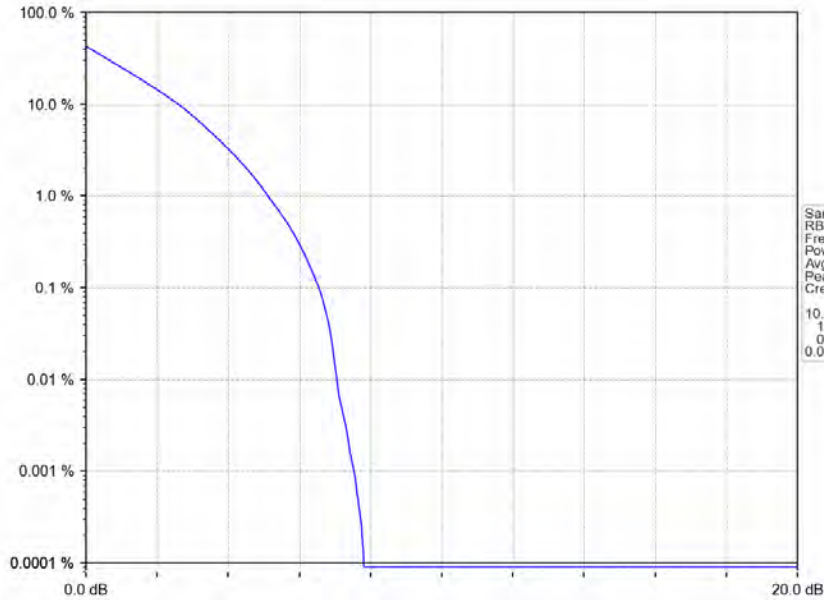
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Page: 182 of 263

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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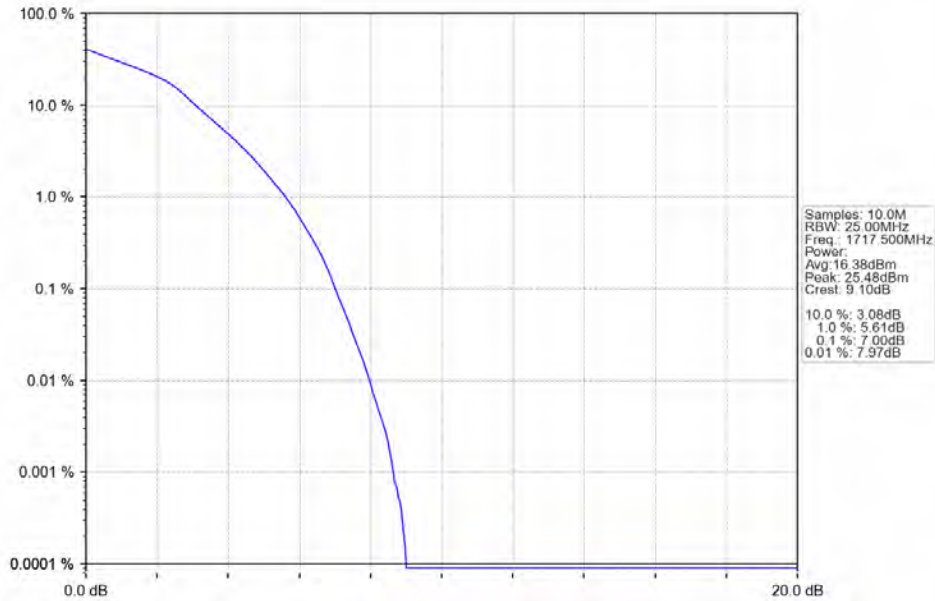
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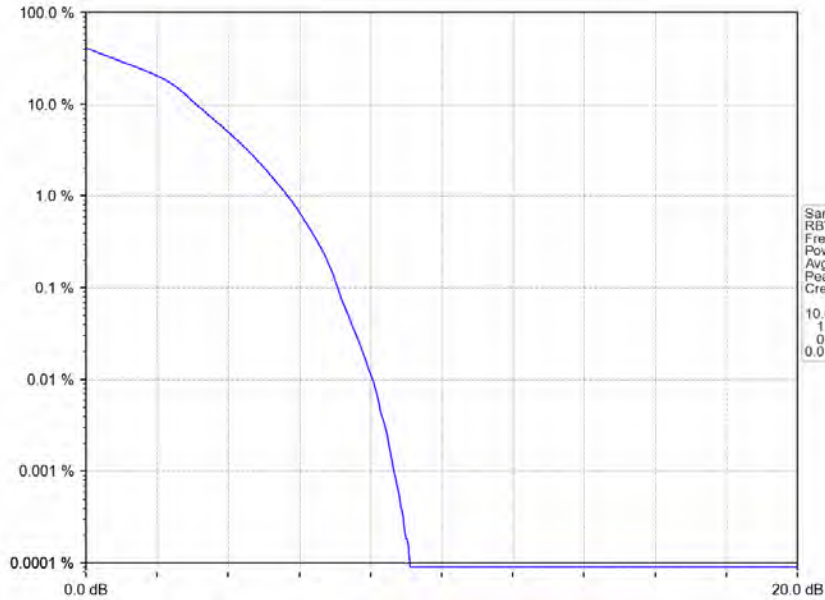
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Rev.: 01

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Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



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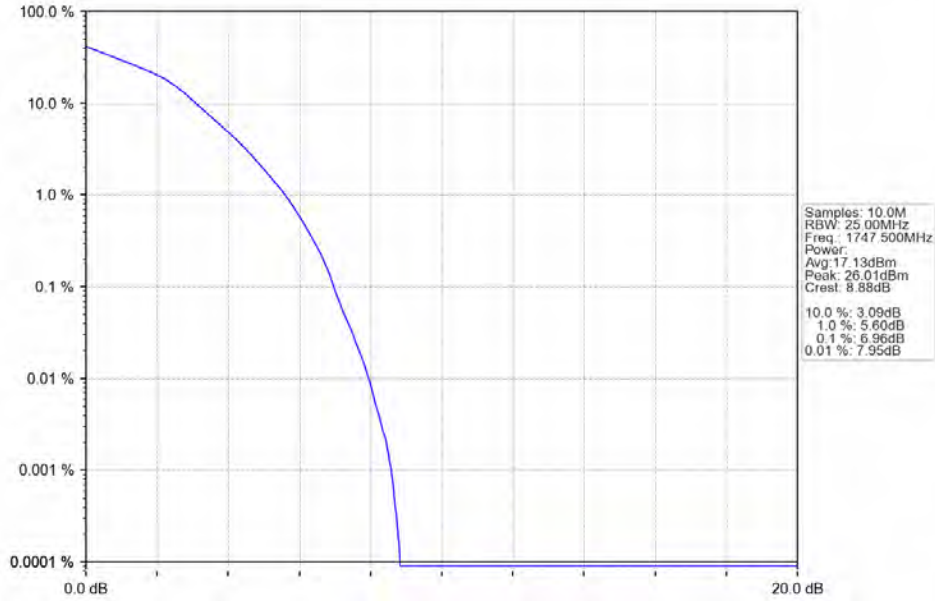
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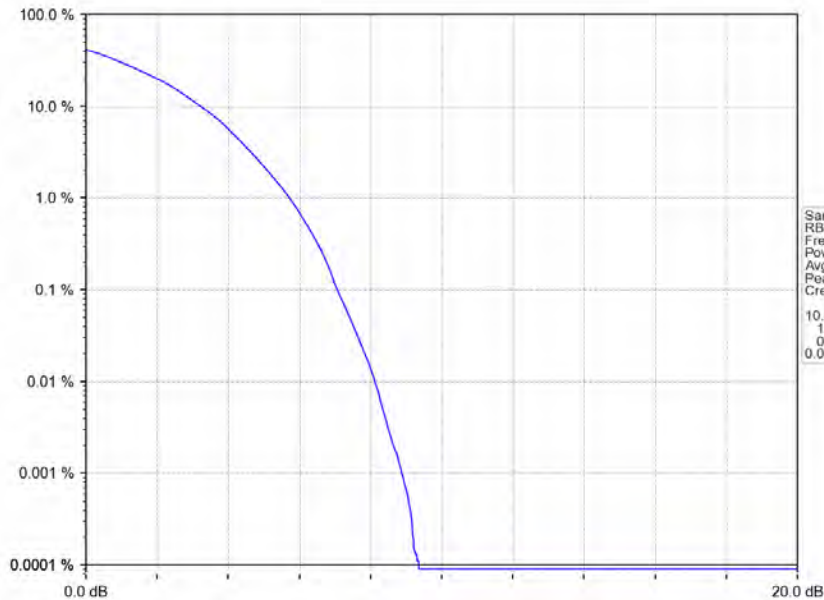
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Rev.: 01

Page: 186 of 263

Band4 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTN



Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTN



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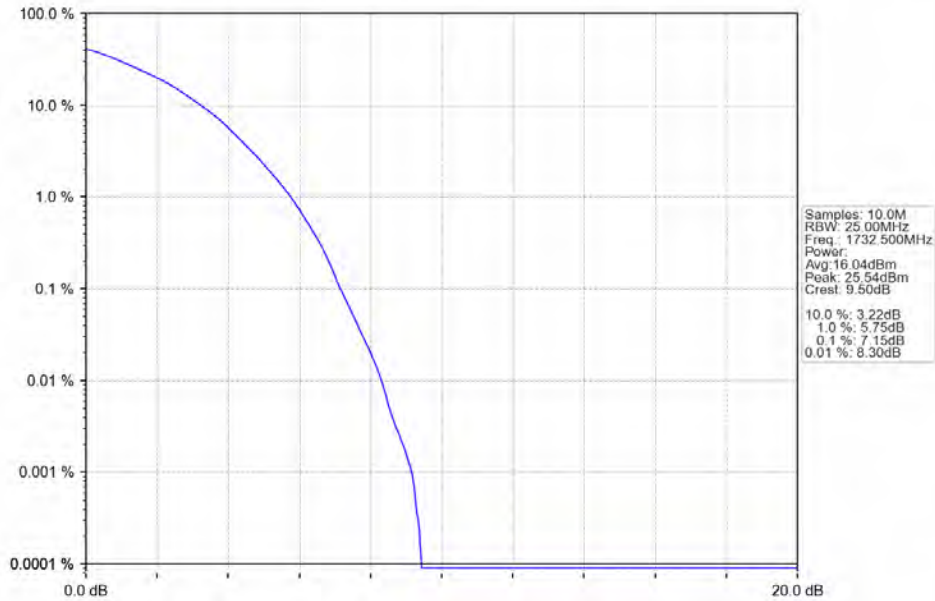
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Report No.: SUCR240200003402

Rev.: 01

Page: 187 of 263



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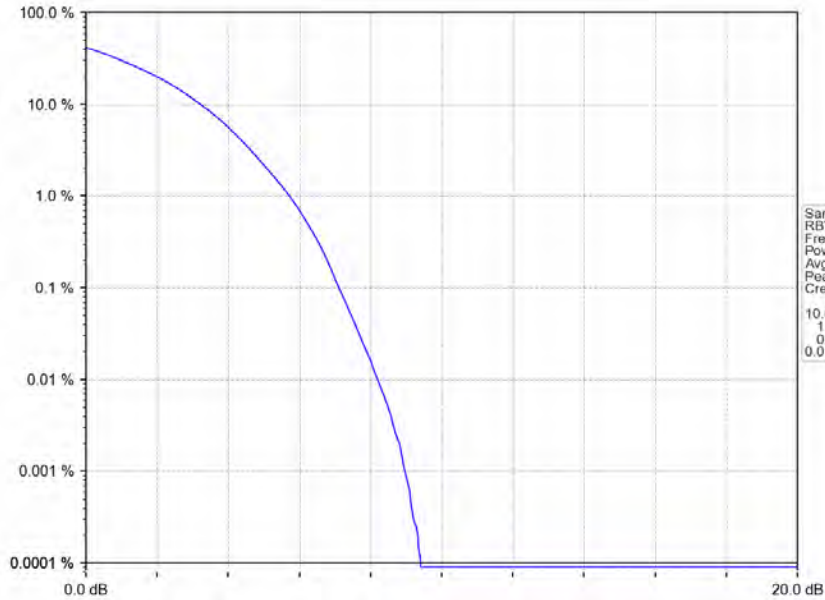
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Report No.: SUCR240200003402

Rev.: 01

Page: 188 of 263

Band4 15MHz_64QAM_HCH_1747.5MHz_RB_75_0 NTN



Samples: 10.0M
RBW: 25.00MHz
Freq: 1747.500MHz
Power:
Avg: 17.14dBm
Peak: 26.68dBm
Crest: 9.54dB
10.0%: 3.21dB
1.0%: 5.72dB
0.1%: 7.11dB
0.01%: 8.20dB



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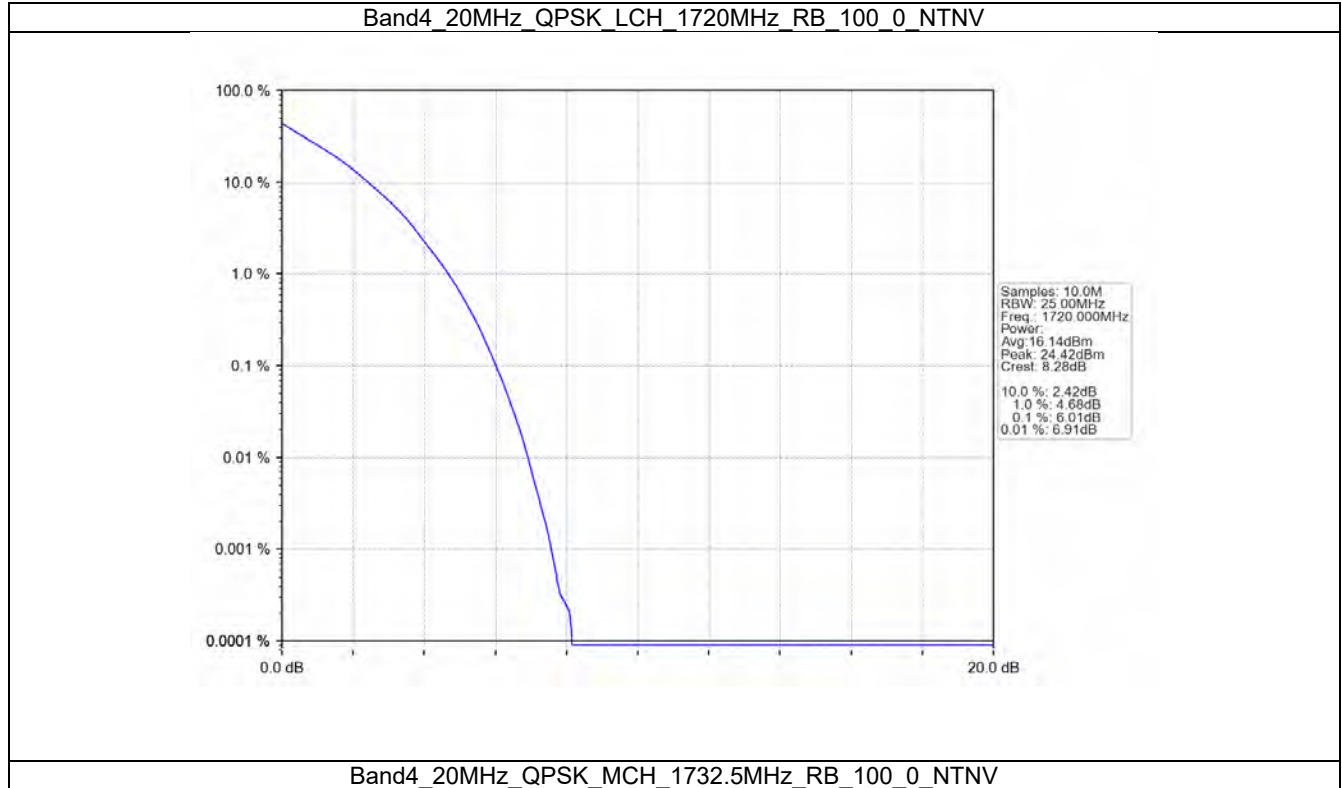
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Report No.: SUCR240200003402
Rev.: 01
Page: 189 of 263

4.6 B4_20MHz

4.6.2 Test Graph



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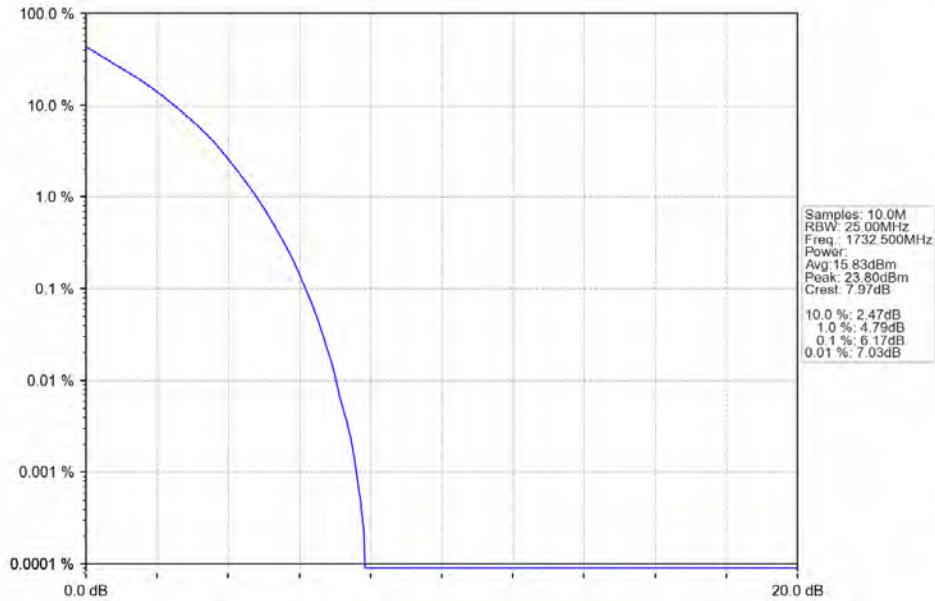
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Page: 190 of 263



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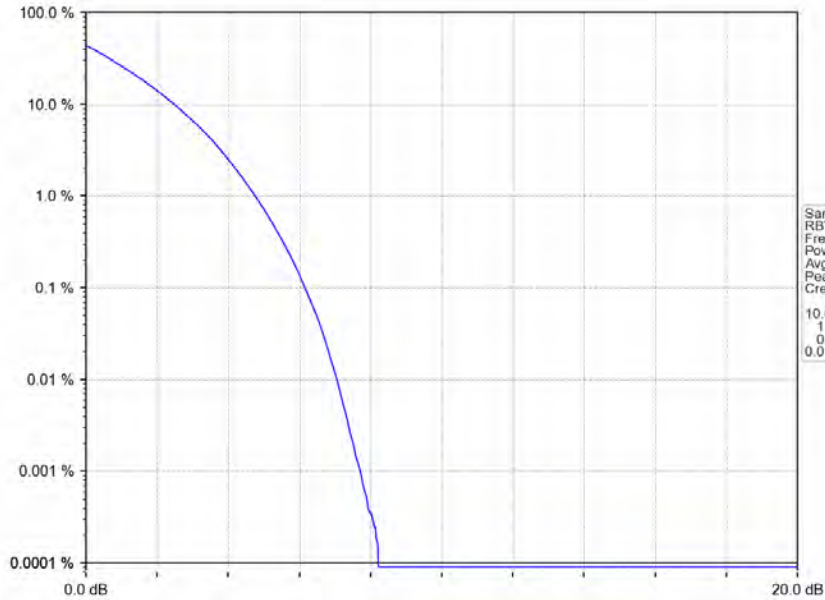
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Report No.: SUCR240200003402

Rev.: 01

Page: 191 of 263

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 1745.000MHz
Power:
Avg: 16.55dBm
Peak: 24.92dBm
Crest: 8.37dB
10.0%: 2.48dB
1.0%: 4.76dB
0.1%: 6.15dB
0.01%: 7.05dB

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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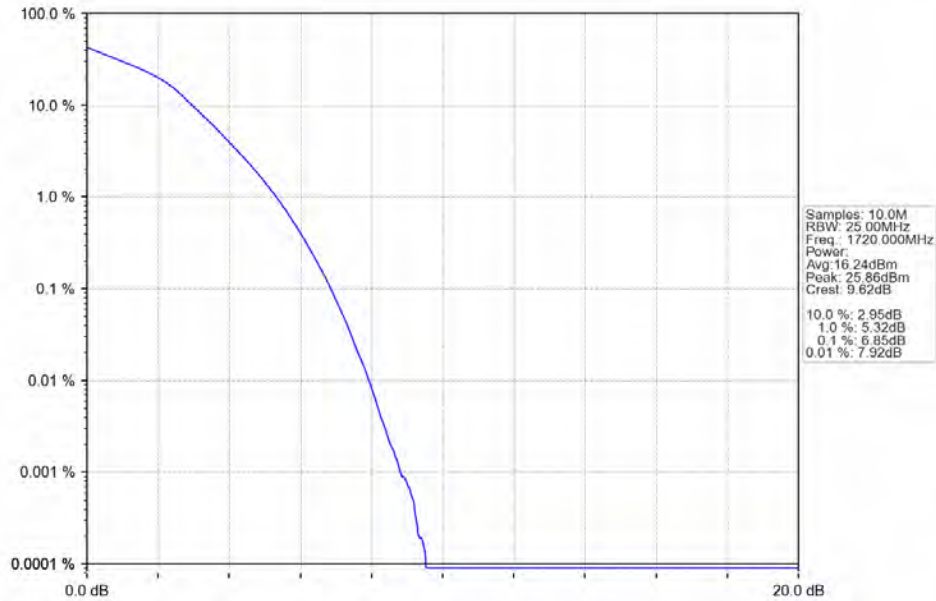
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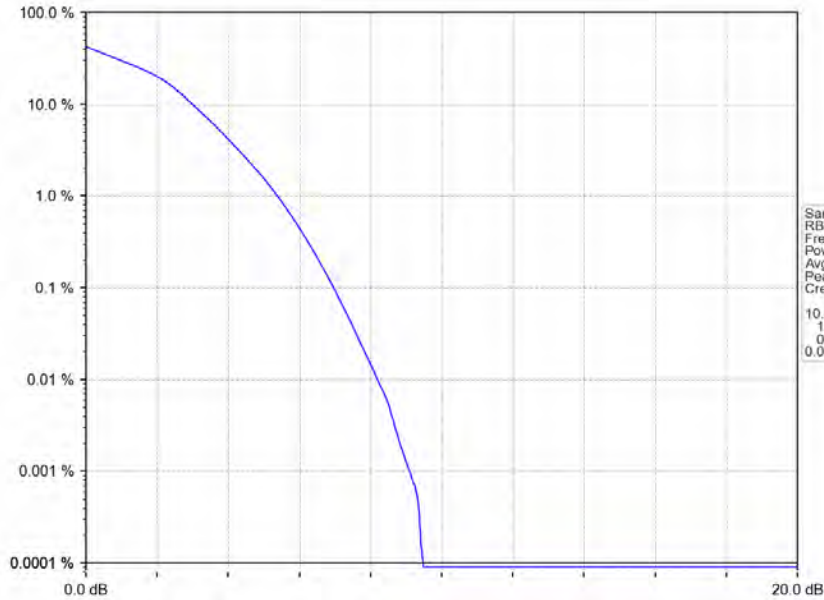
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Report No.: SUCR240200003402

Rev.: 01

Page: 193 of 263

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



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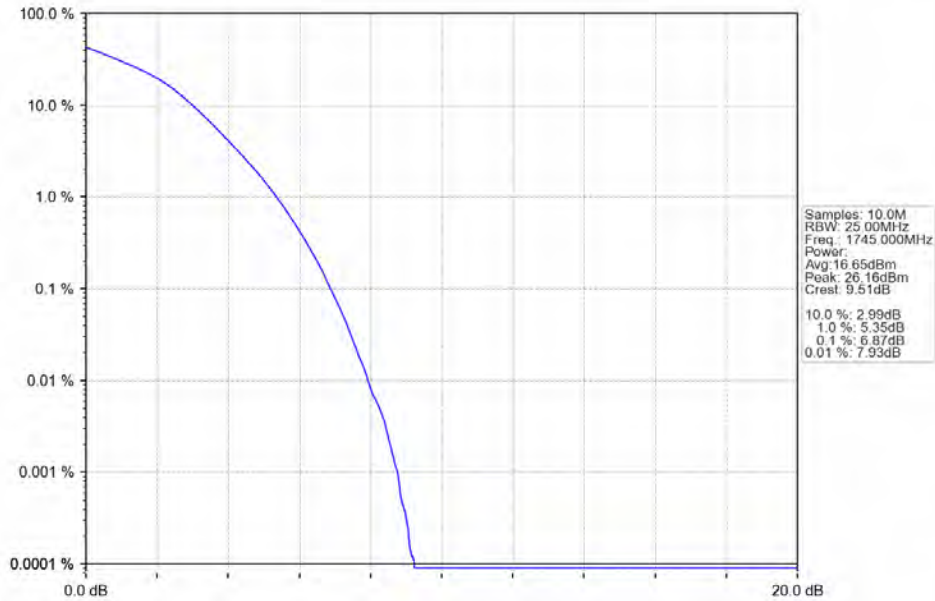
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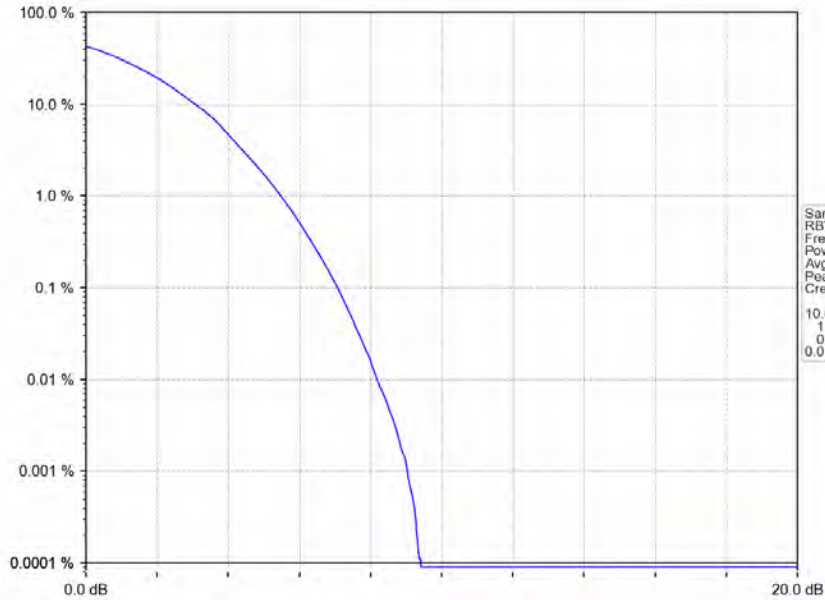
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Report No.: SUCR240200003402

Rev.: 01

Page: 195 of 263

Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 1720.000MHz
Power:
Avg: 16.23dBm
Peak: 25.86dBm
Crest: 9.63dB
10.0 %: 3.07dB
1.0 %: 5.48dB
0.1 %: 7.07dB
0.01 %: 8.18dB

Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



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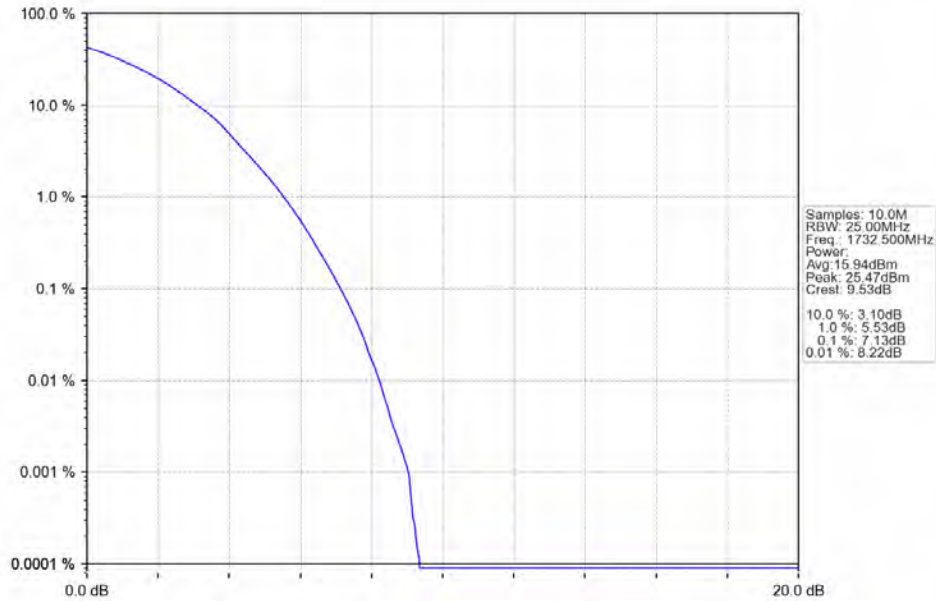
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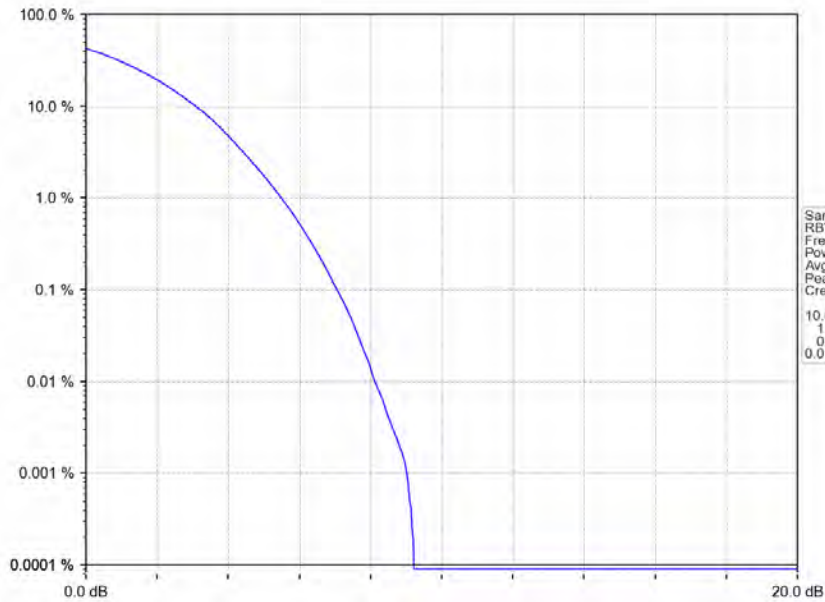
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Report No.: SUCR240200003402

Rev.: 01

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Report No.: SUCR240200003402
Rev.: 01
Page: 198 of 263

5. Spurious Emission & Band Edges

5.1 B4_1.4MHz

5.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1710.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1754.3	1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

5.2 B4_3MHz

5.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1711.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1753.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass



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Report No.: SUCR240200003402

Rev.: 01

Page: 199 of 263

5.3 B4_5MHz

5.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1712.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.4 B4_10MHz

5.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1715	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1750	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.5 B4_15MHz

5.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1717.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1747.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass



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Report No.: SUCR240200003402
Rev.: 01
Page: 200 of 263

5.6 B4_20MHz

5.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



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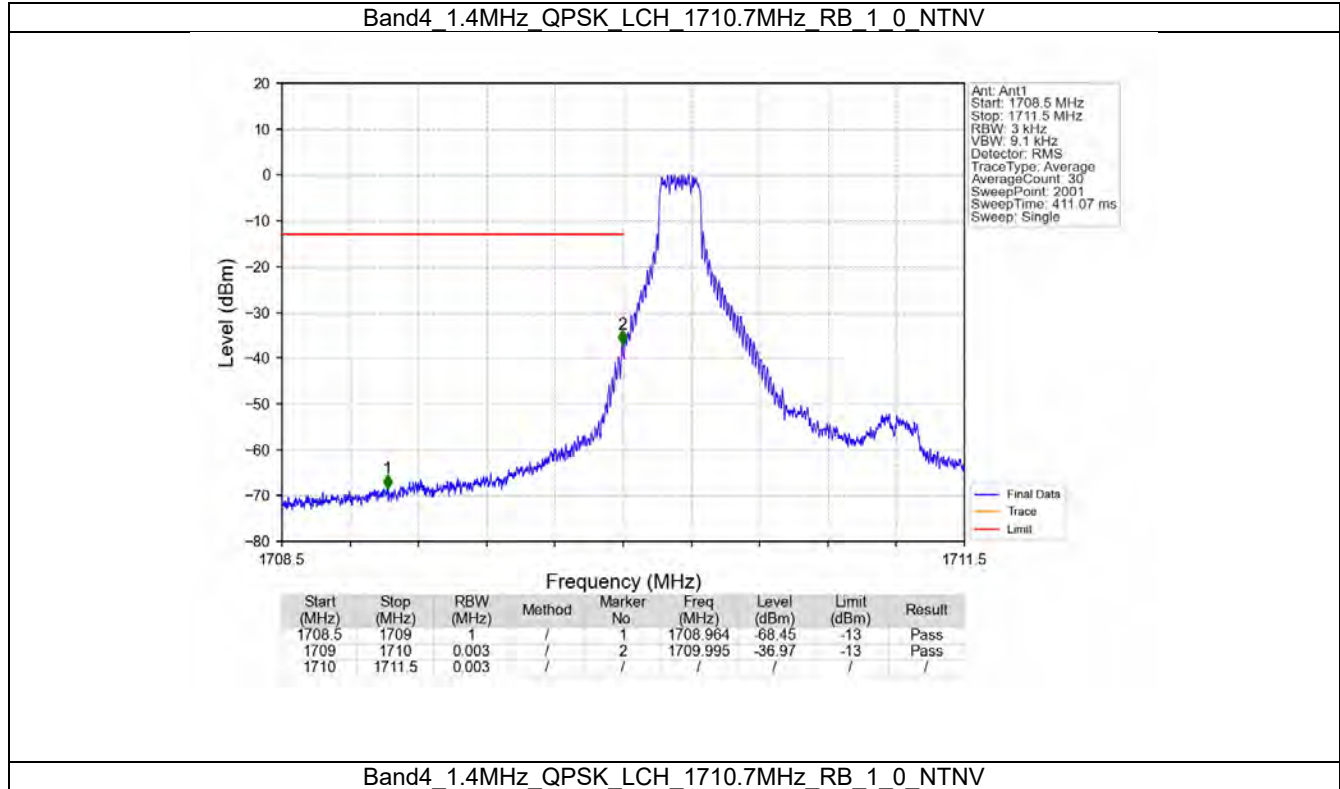
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Rev.: 01
Page: 201 of 263

5.1 B4_1.4MHz

5.1.2 Test Graph



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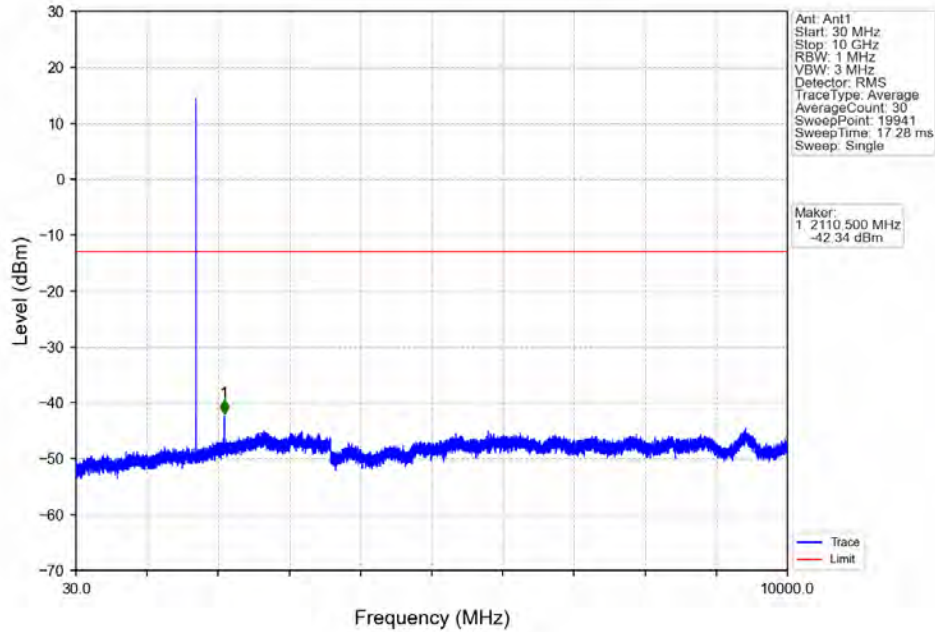
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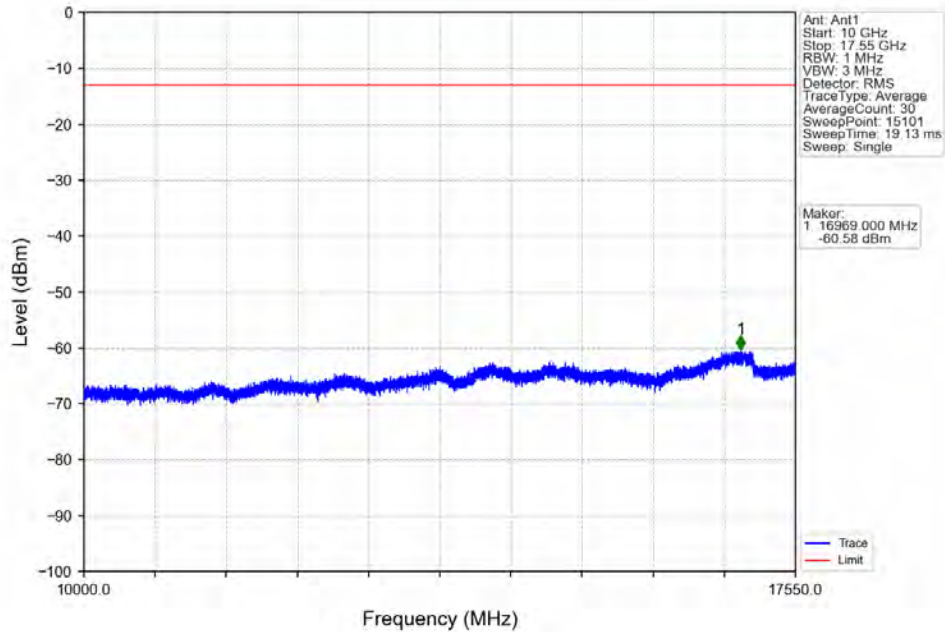
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Report No.: SUCR240200003402

Rev.: 01

Page: 203 of 263

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



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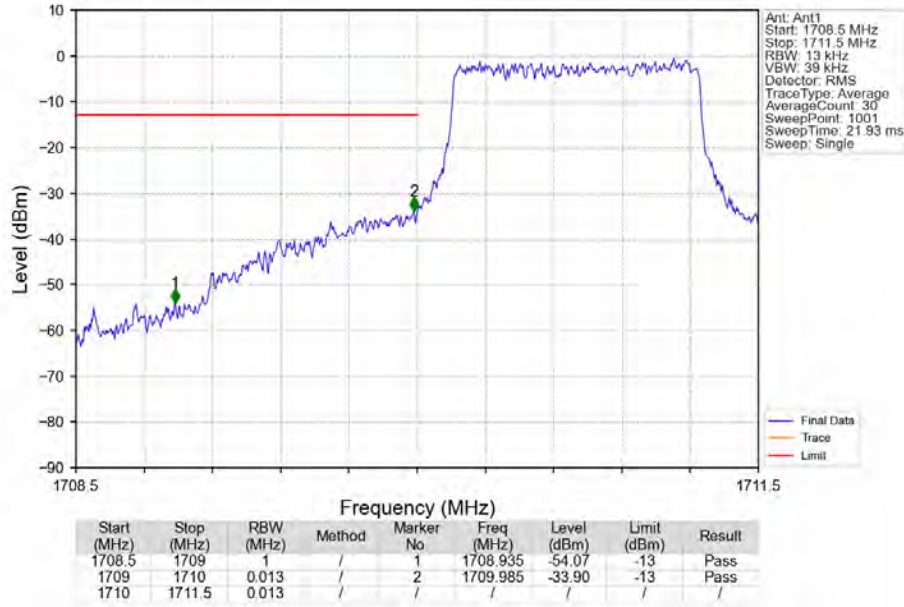
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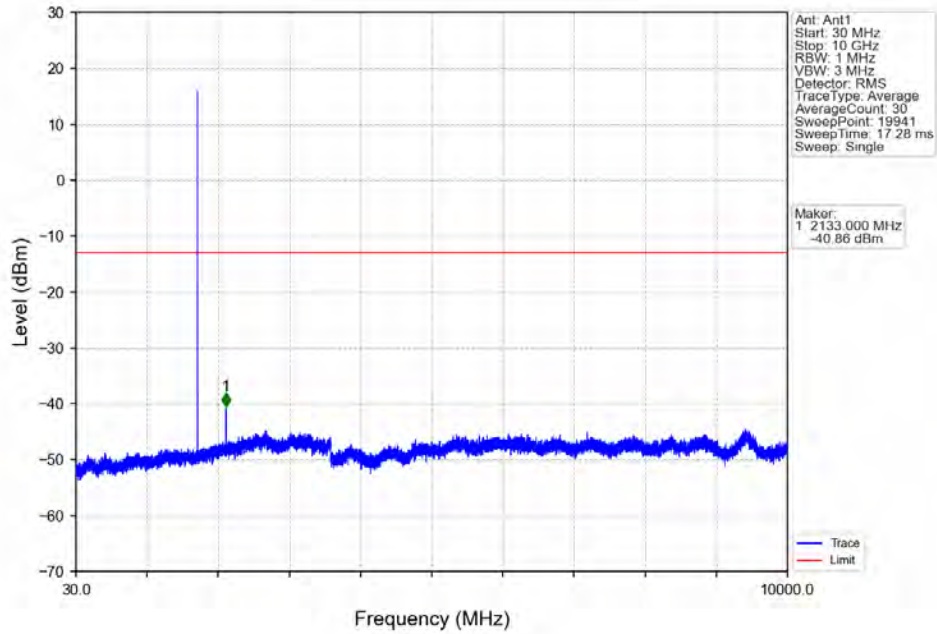
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Report No.: SUCR240200003402

Rev.: 01

Page: 205 of 263

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



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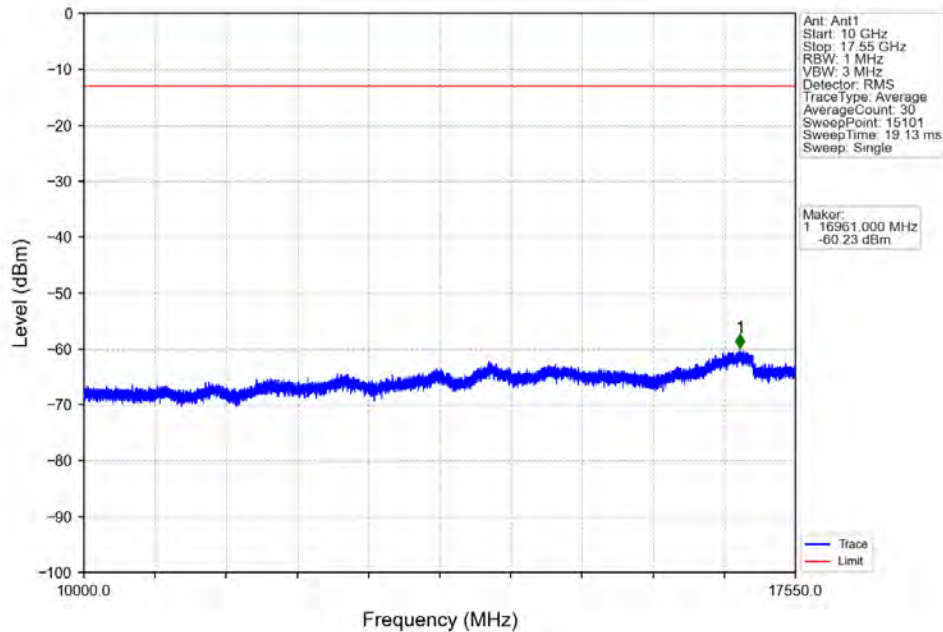
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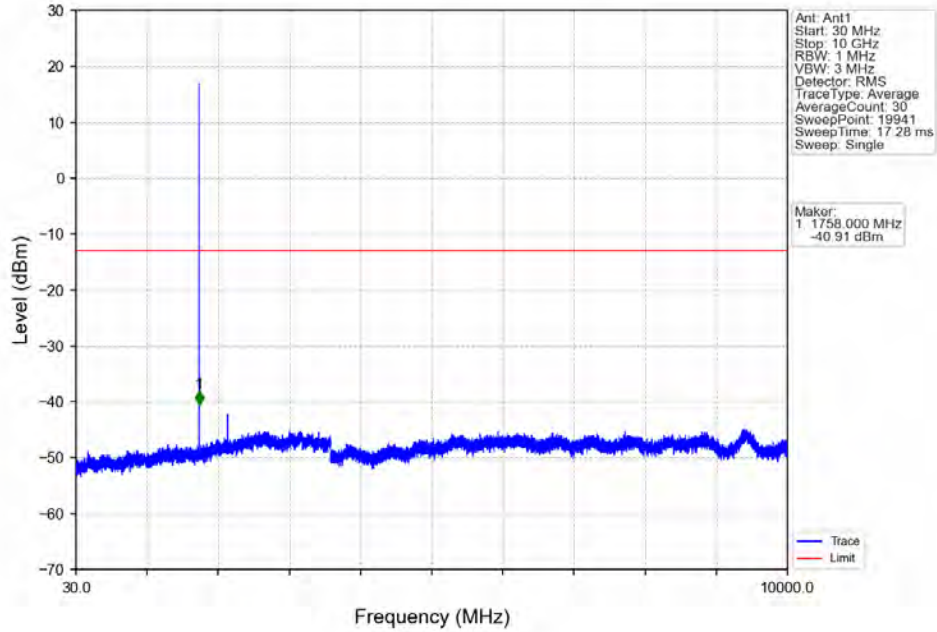
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Rev.: 01

Page: 207 of 263

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



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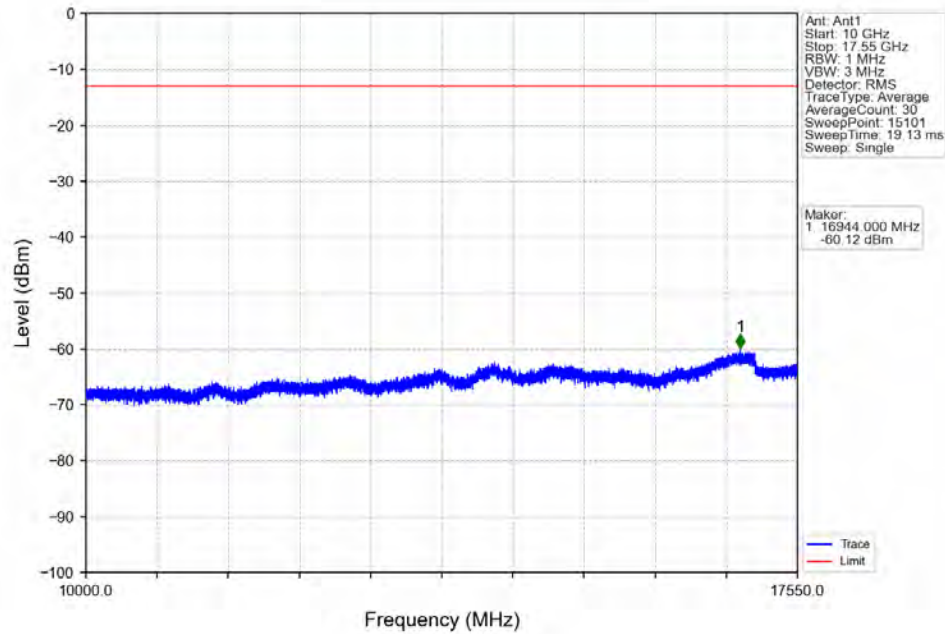
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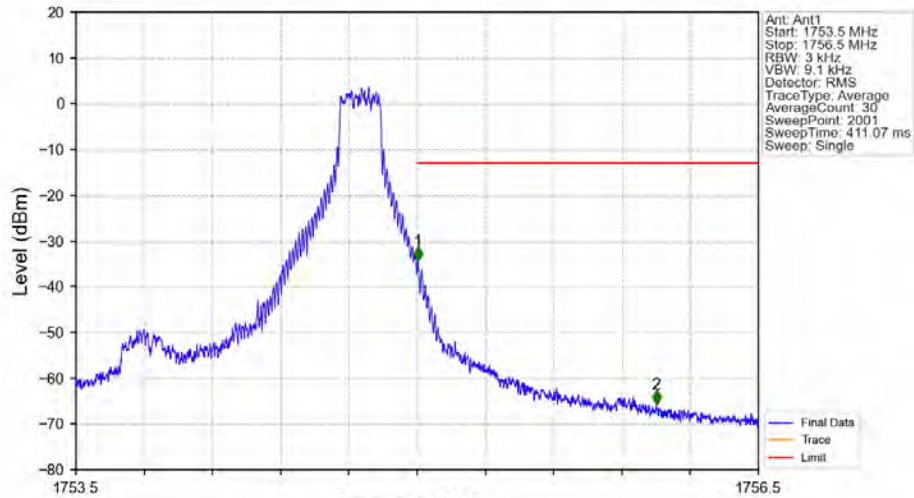
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Report No.: SUCR240200003402

Rev.: 01

Page: 209 of 263

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-34.38	-13	Pass
1756	1756.5	1	/	2	1756.052	-65.73	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTV



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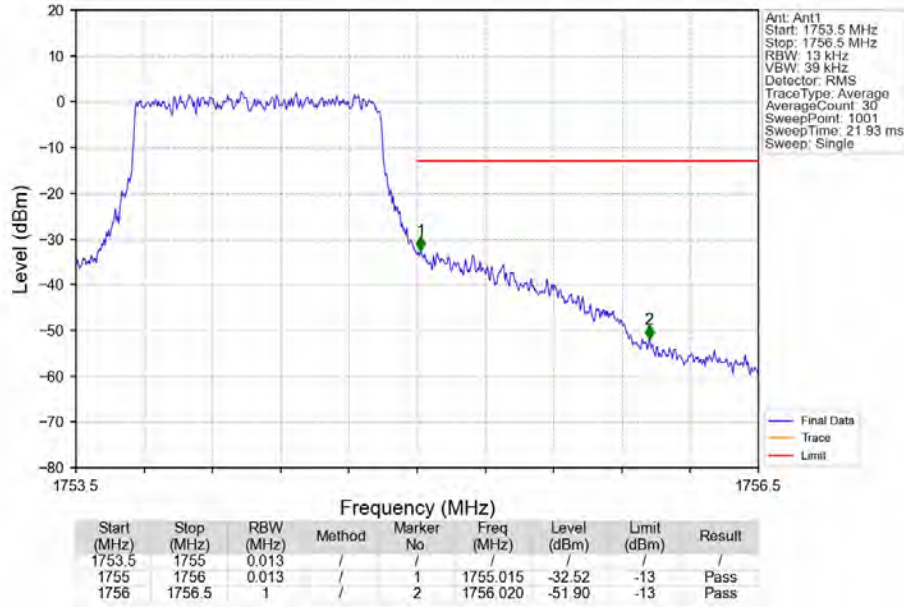
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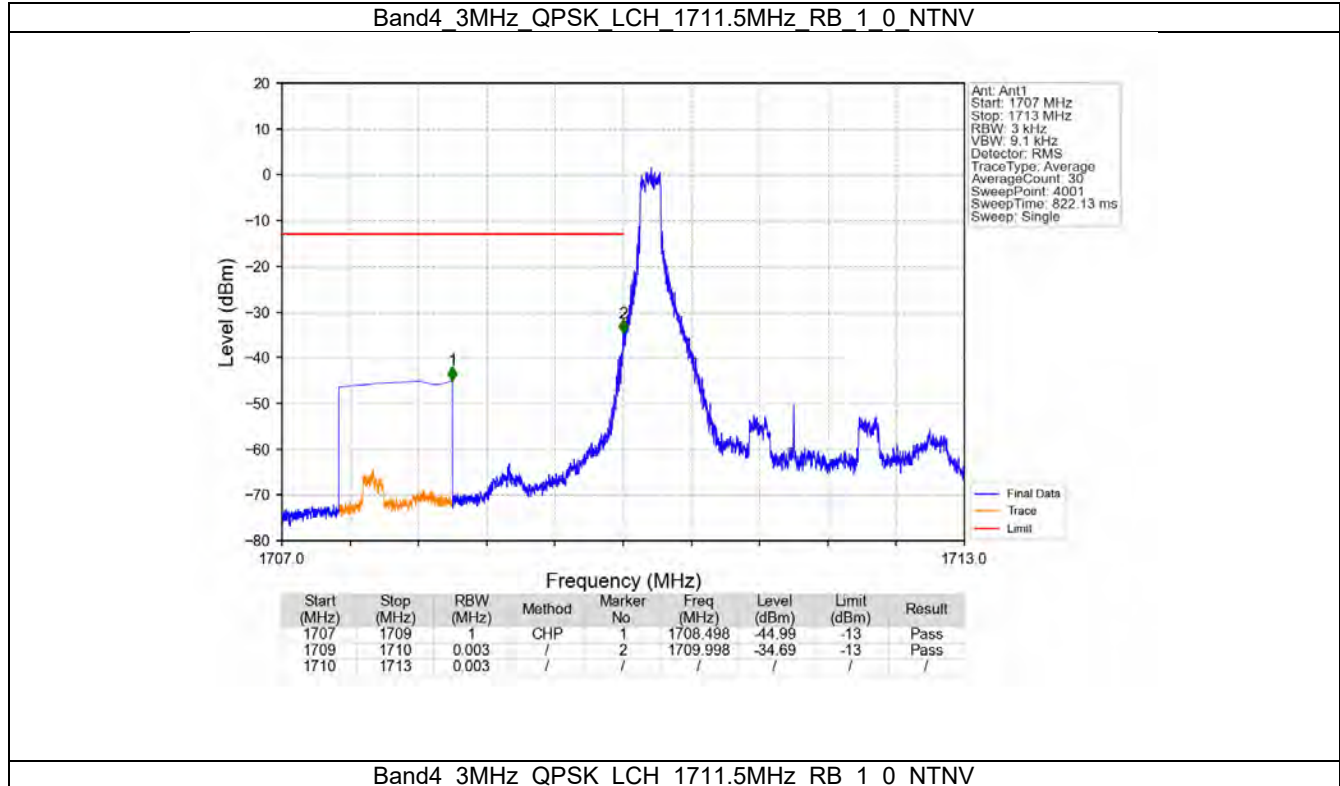
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5.2 B4_3MHz

5.2.2 Test Graph



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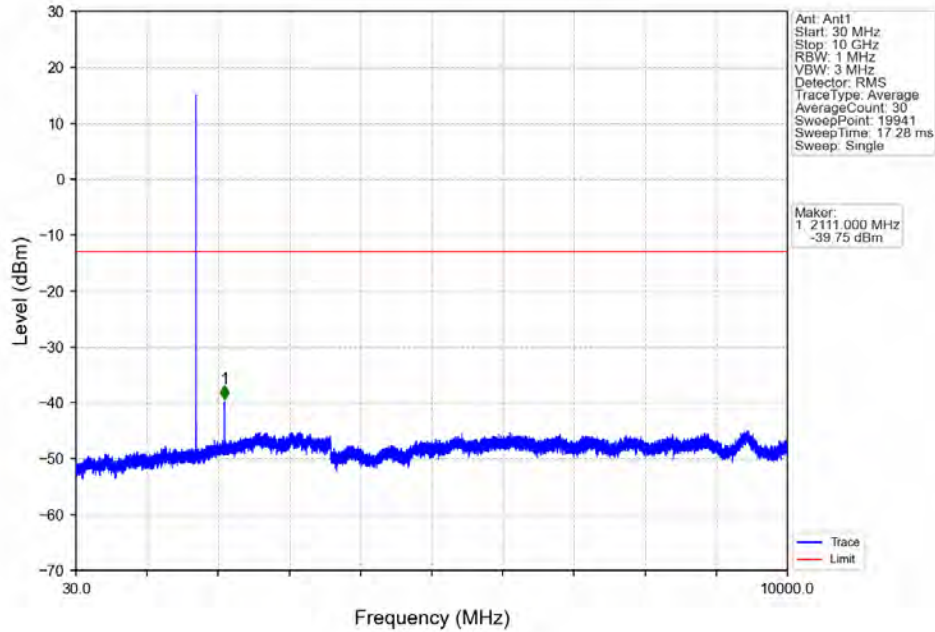
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Report No.: SUCR240200003402

Rev.: 01

Page: 212 of 263



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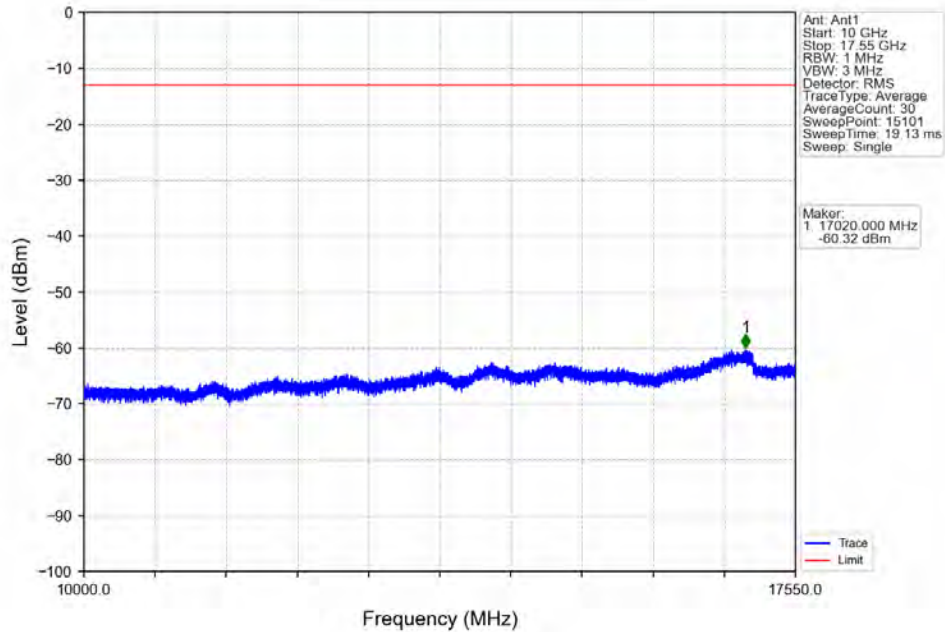
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Report No.: SUCR240200003402

Rev.: 01

Page: 213 of 263

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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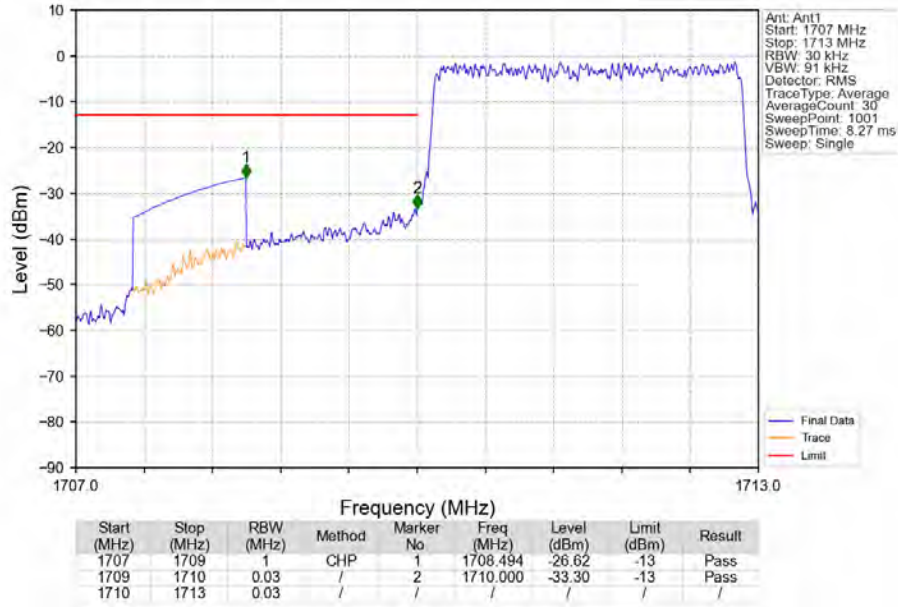
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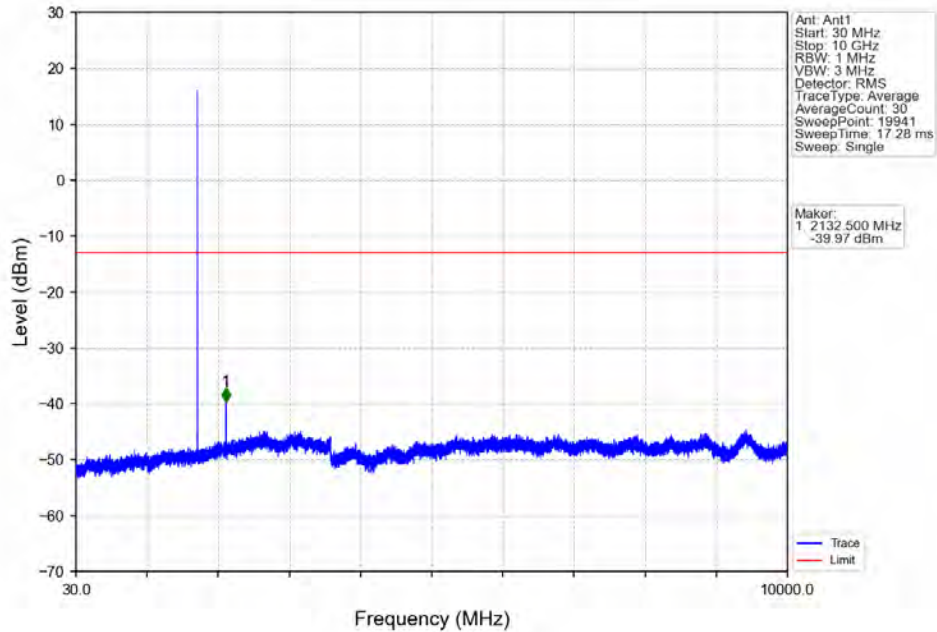
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Report No.: SUCR240200003402

Rev.: 01

Page: 215 of 263

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



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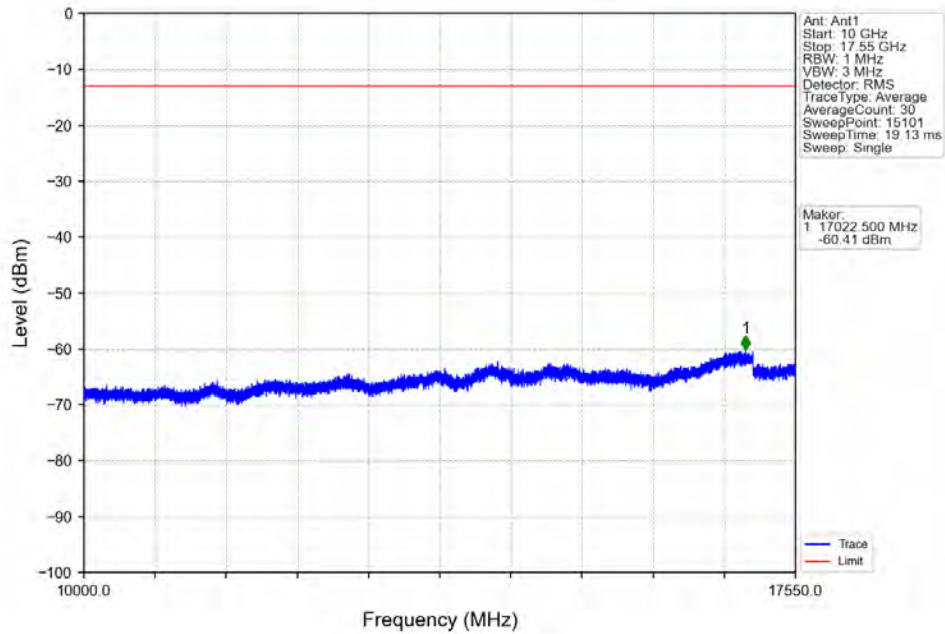
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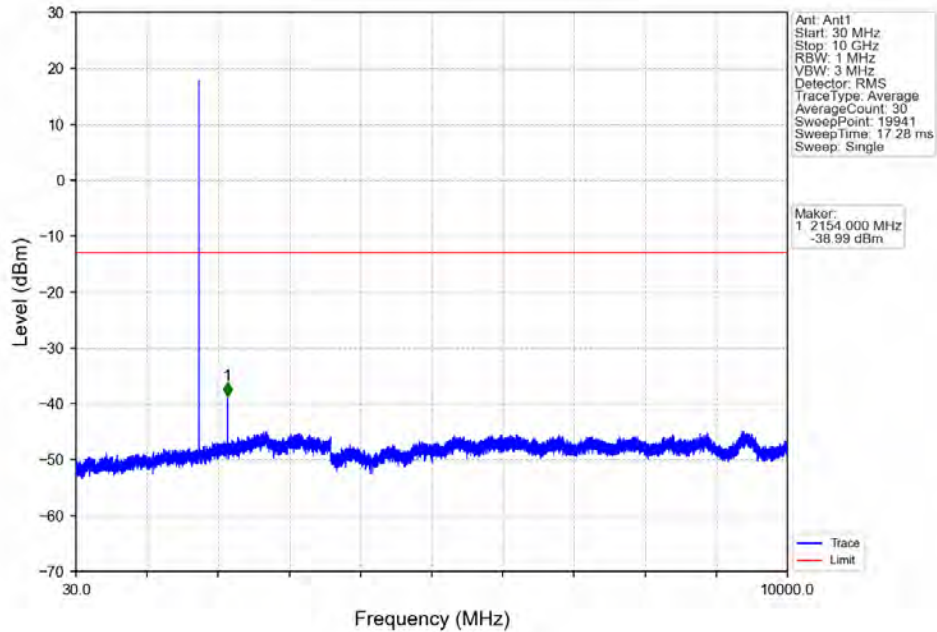
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Report No.: SUCR240200003402

Rev.: 01

Page: 217 of 263

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



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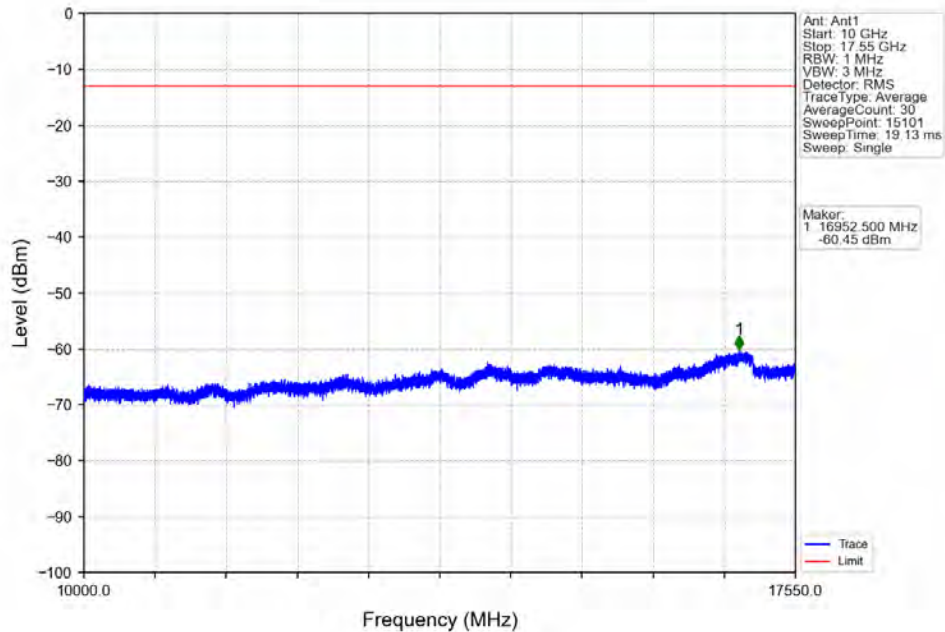
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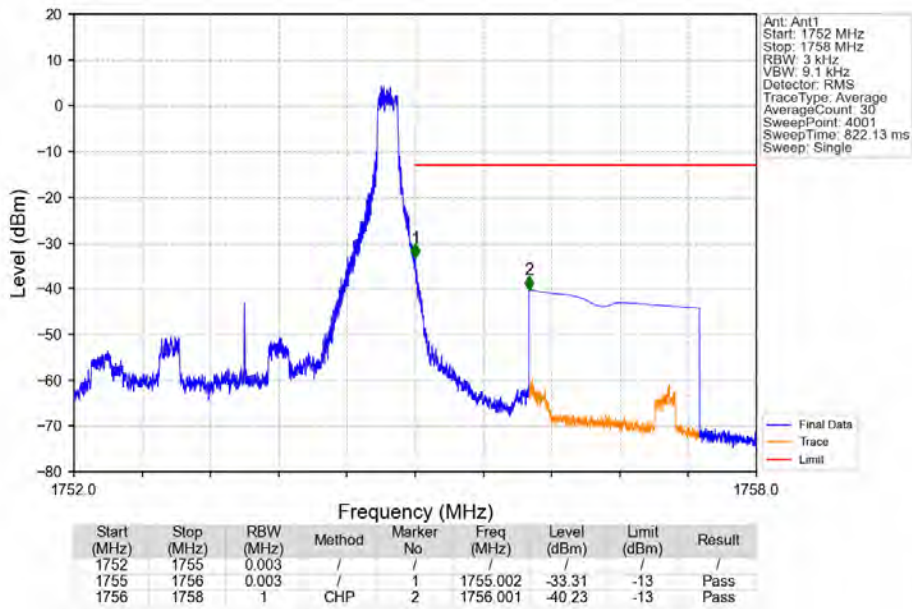
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Page: 219 of 263

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



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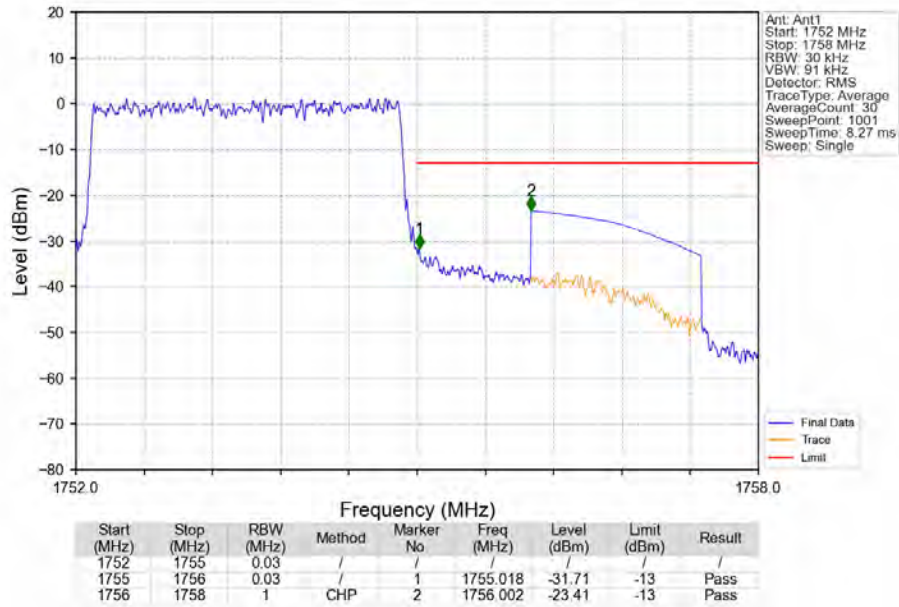
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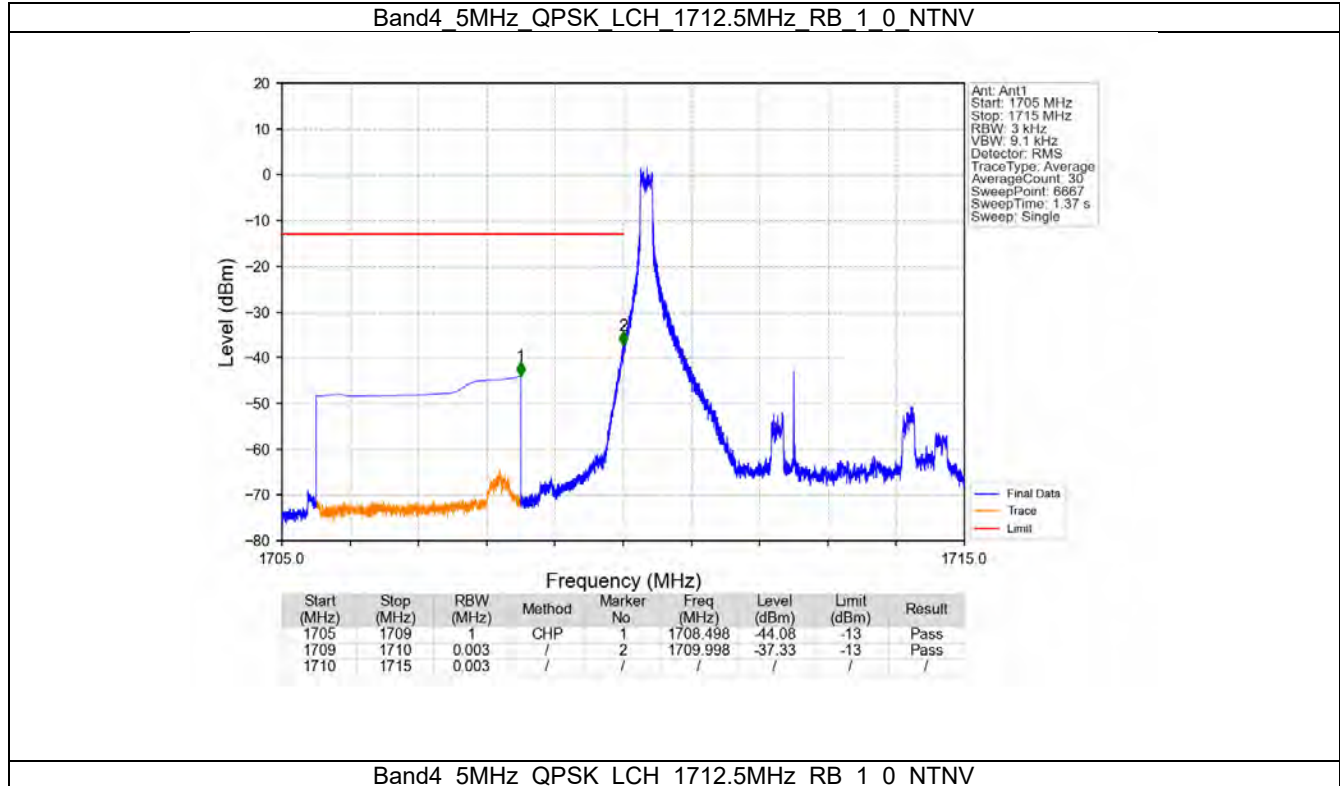
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5.3 B4_5MHz

5.3.2 Test Graph



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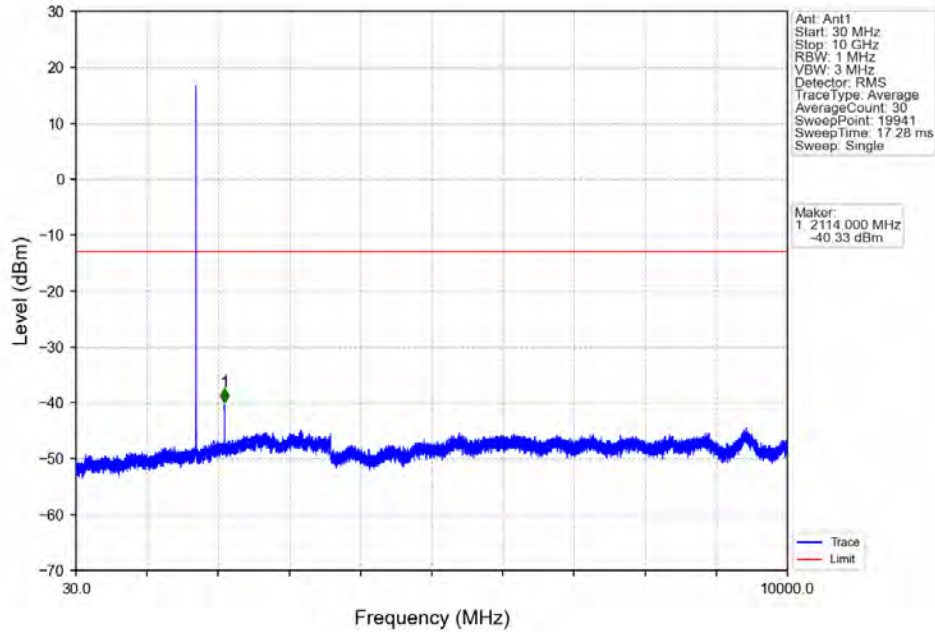
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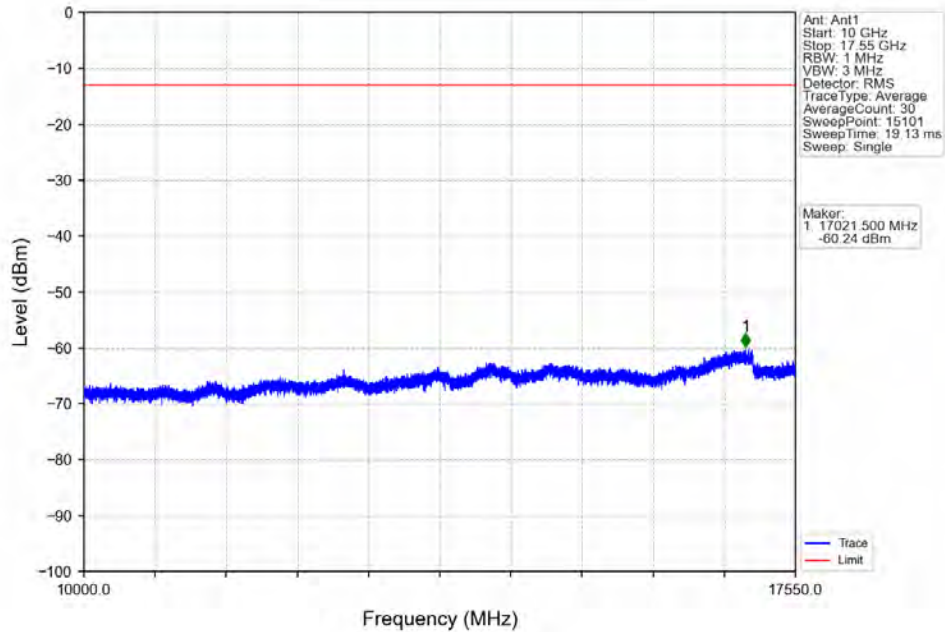
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Page: 223 of 263

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Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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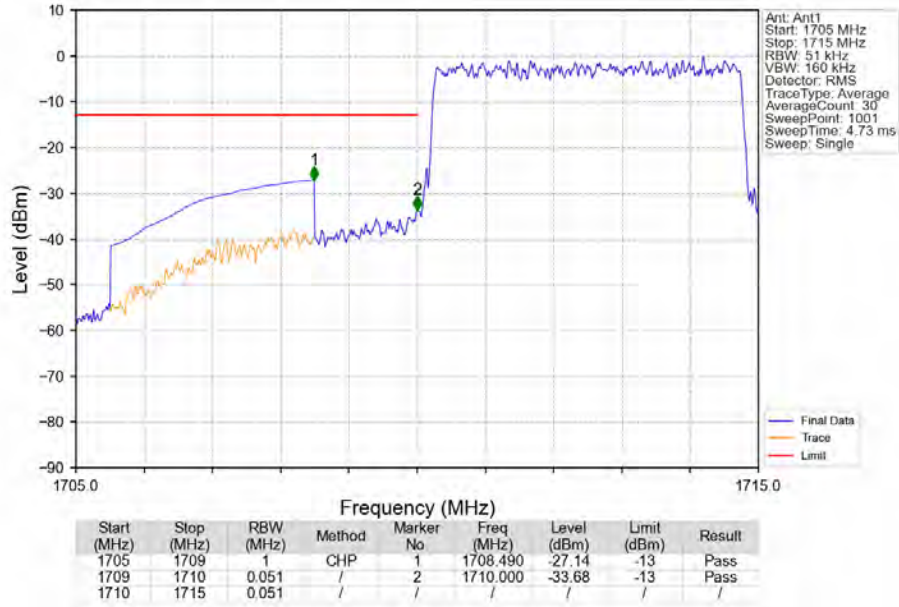
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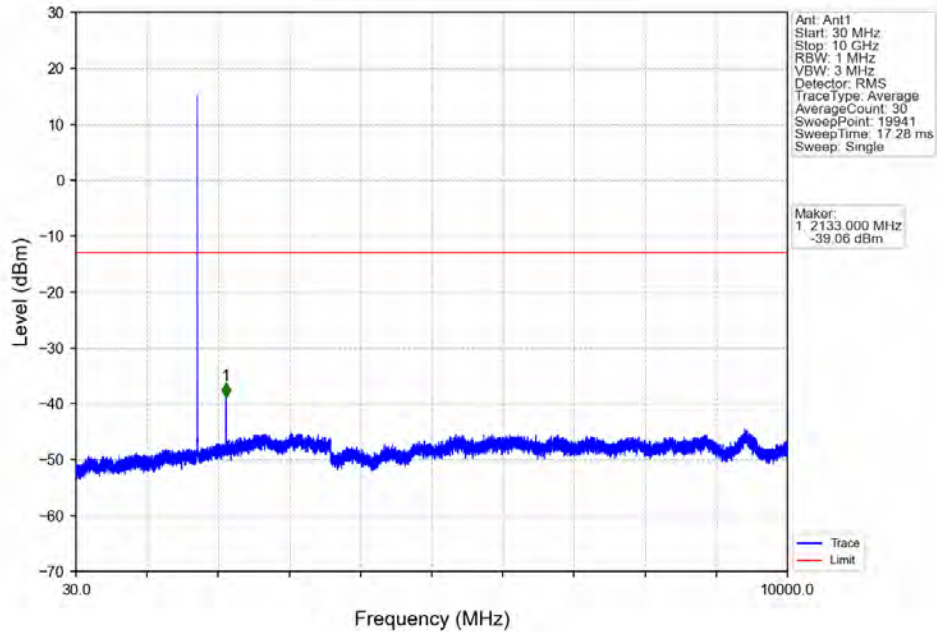
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Report No.: SUCR240200003402

Rev.: 01

Page: 225 of 263

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



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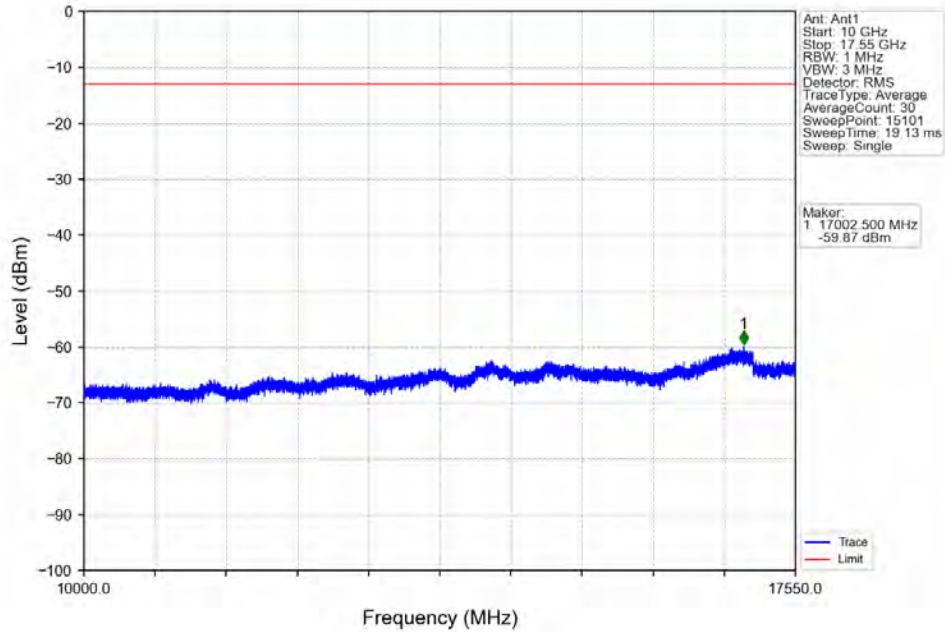
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Report No.: SUCR240200003402

Rev.: 01

Page: 226 of 263



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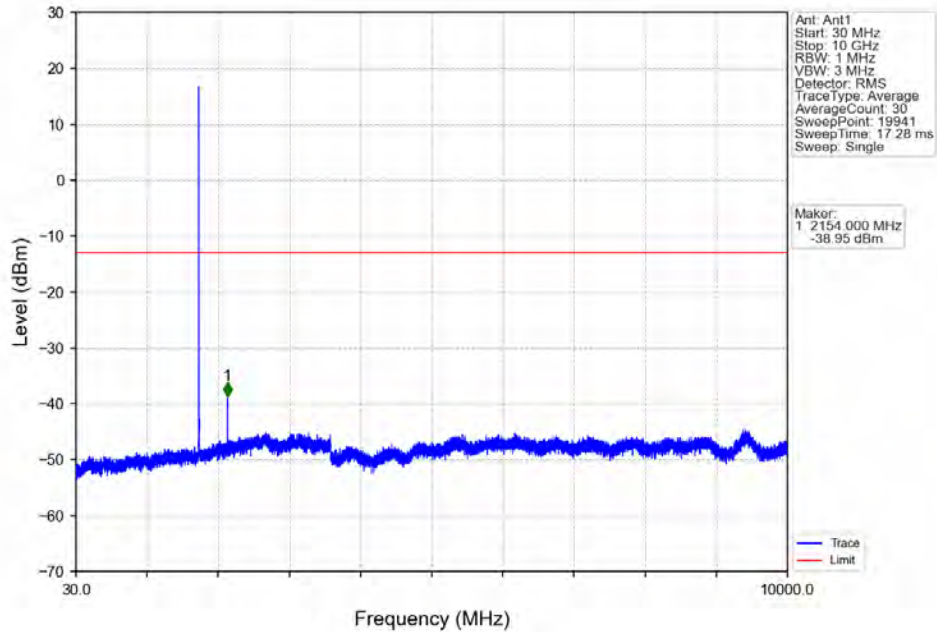
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Report No.: SUCR240200003402

Rev.: 01

Page: 227 of 263

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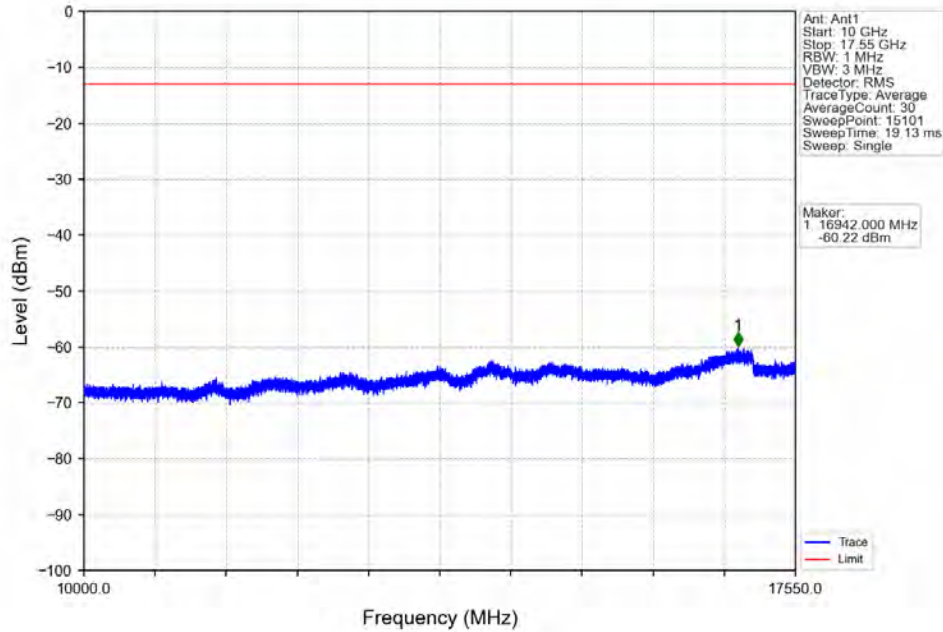
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Report No.: SUCR240200003402

Rev.: 01

Page: 228 of 263



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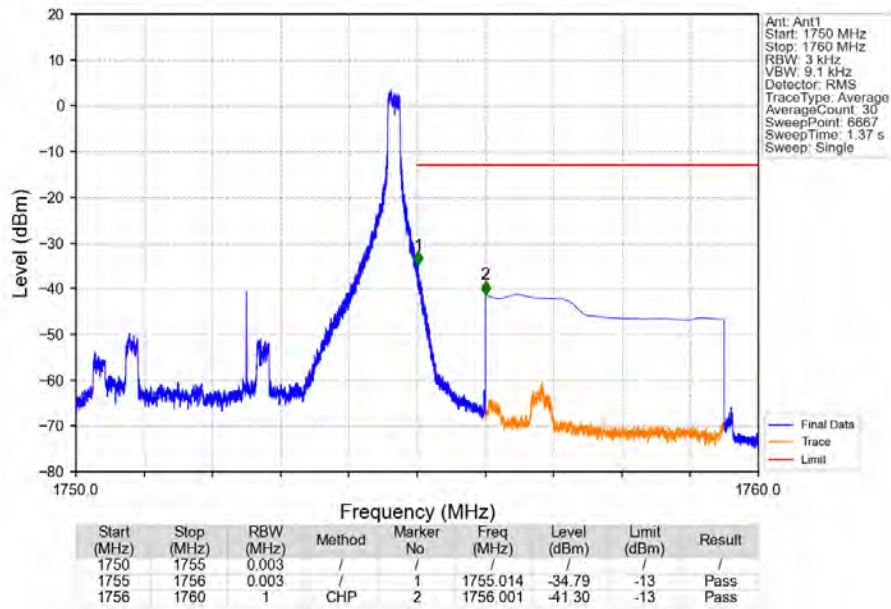
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Report No.: SUCR240200003402

Rev.: 01

Page: 229 of 263

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



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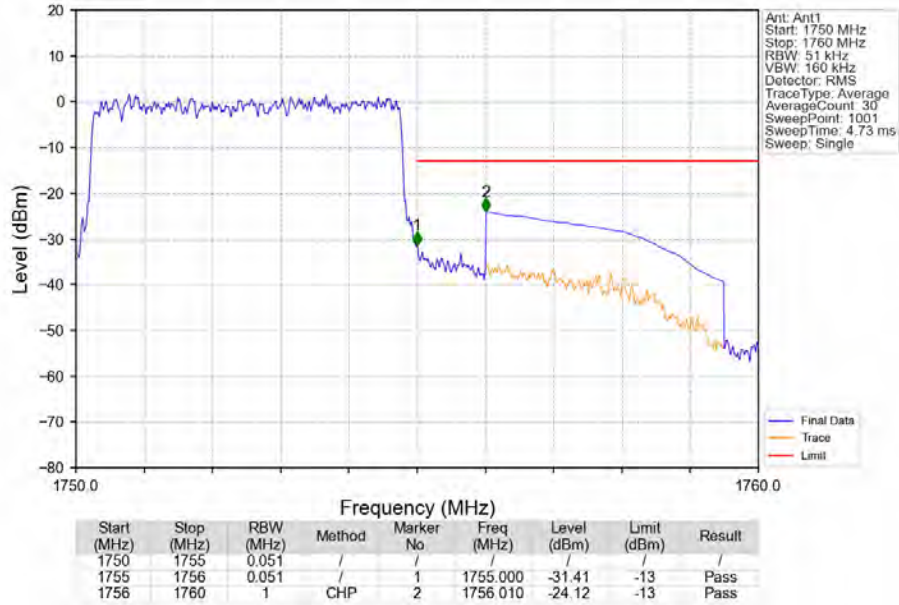
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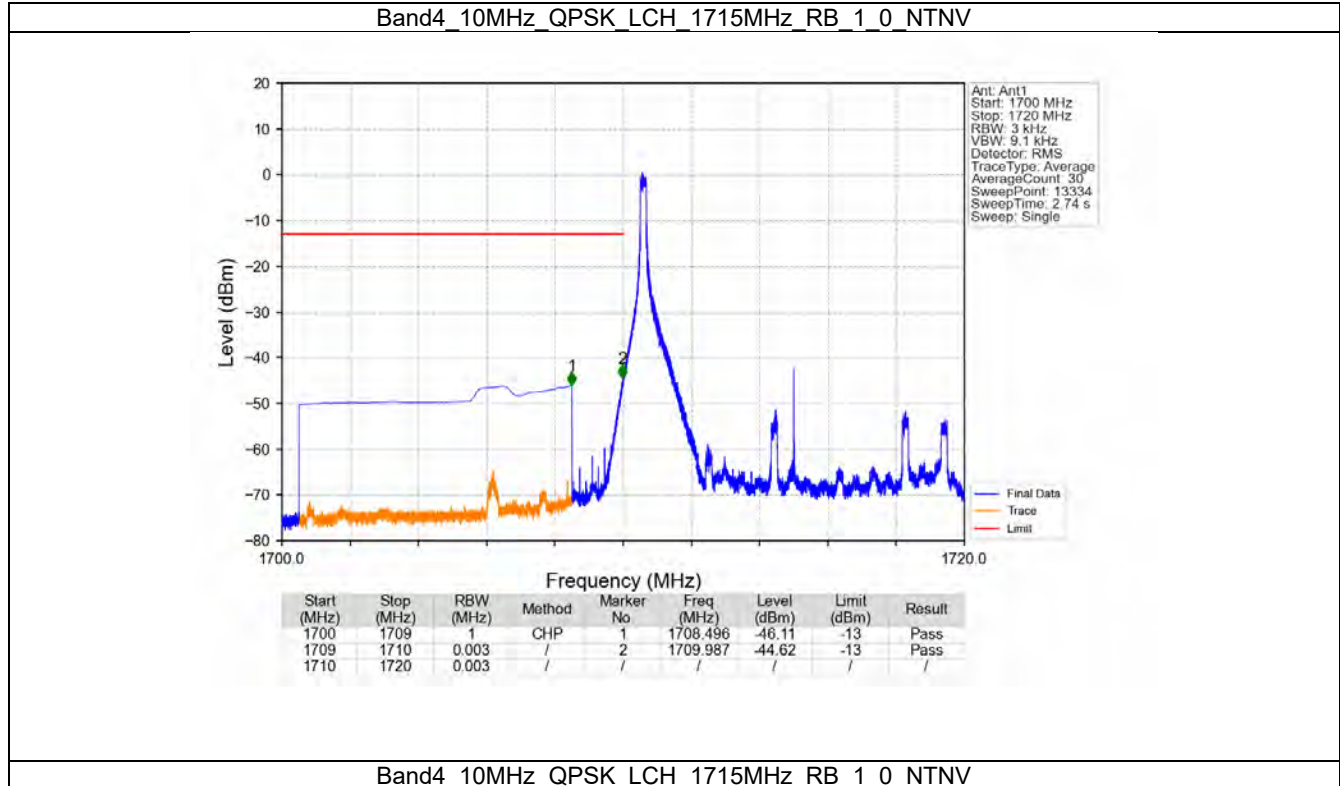
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Page: 231 of 263

5.4 B4_10MHz

5.4.2 Test Graph



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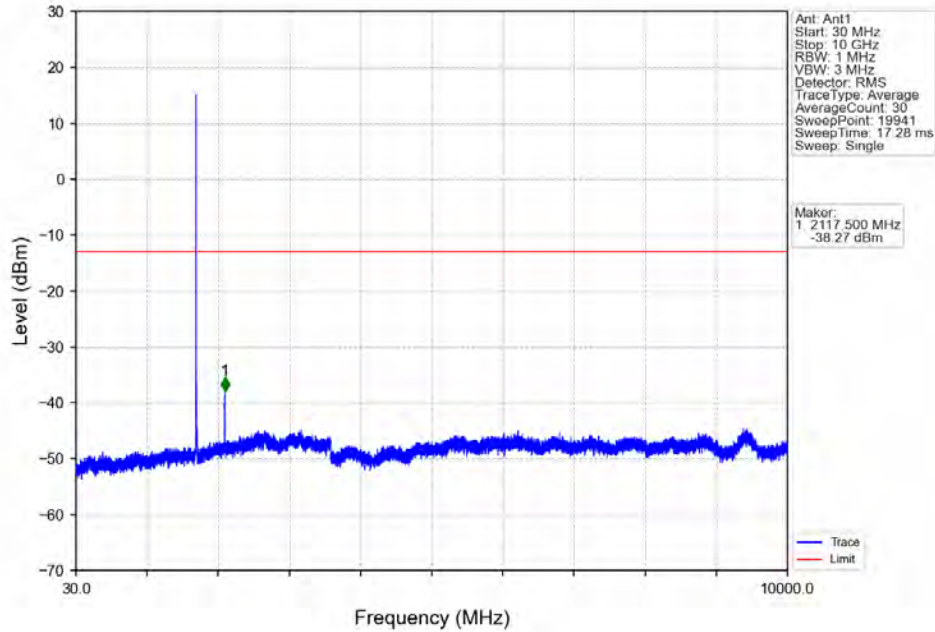
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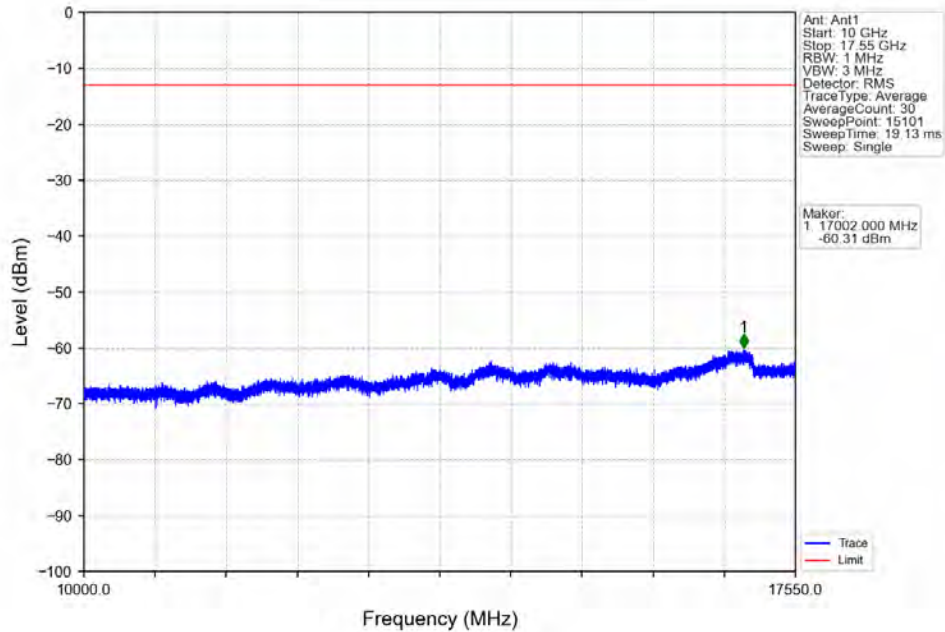
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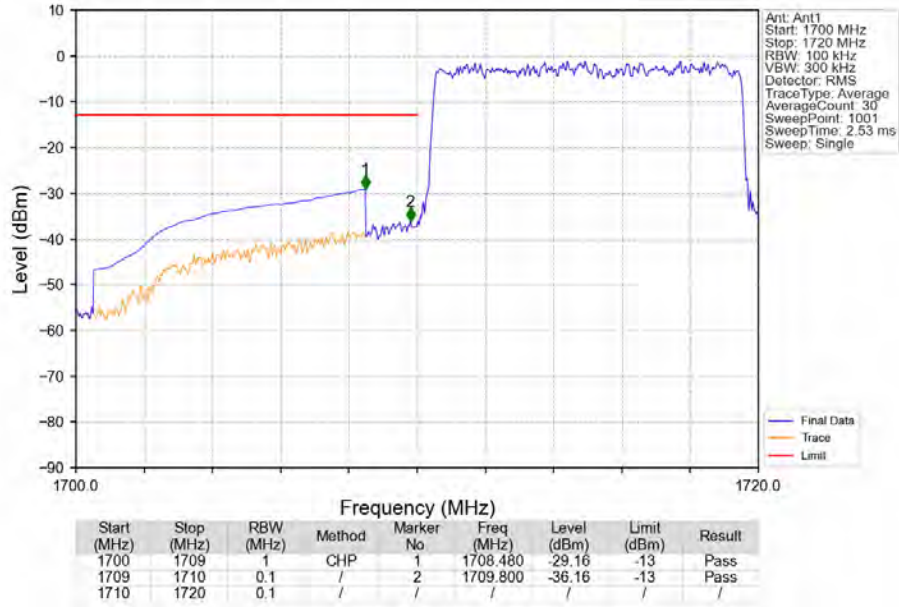
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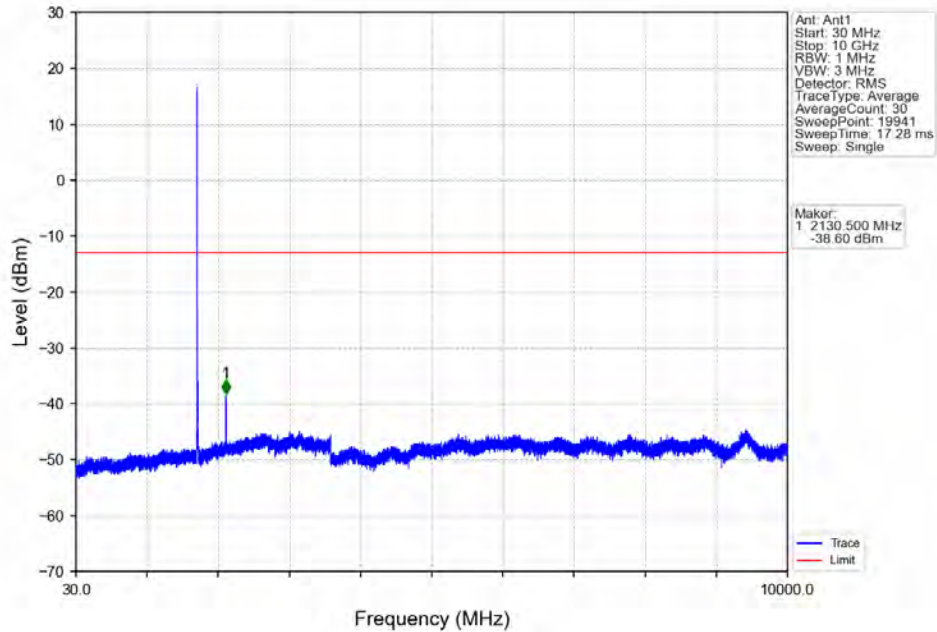
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Page: 235 of 263

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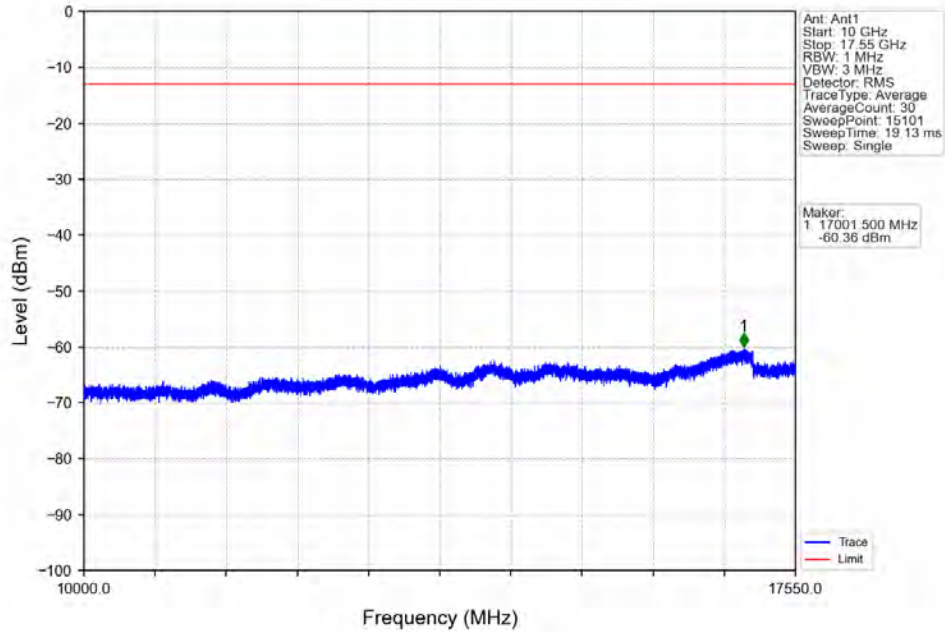
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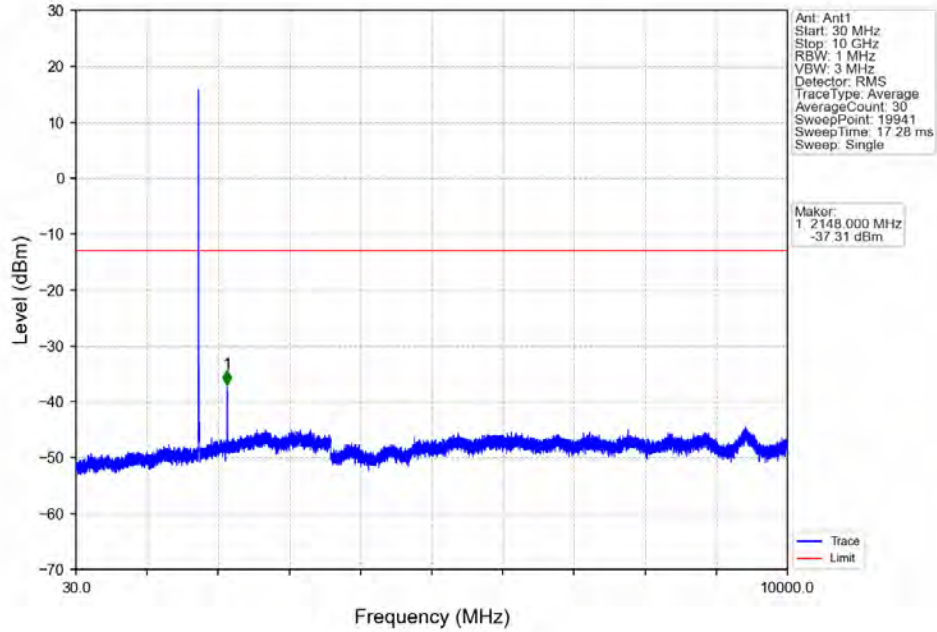
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Rev.: 01

Page: 237 of 263

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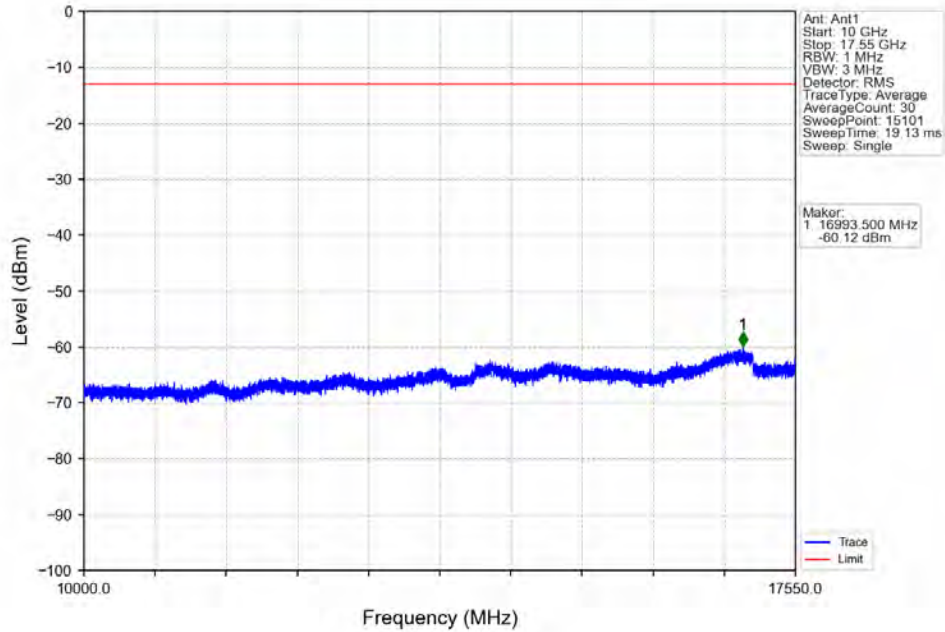
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Page: 238 of 263



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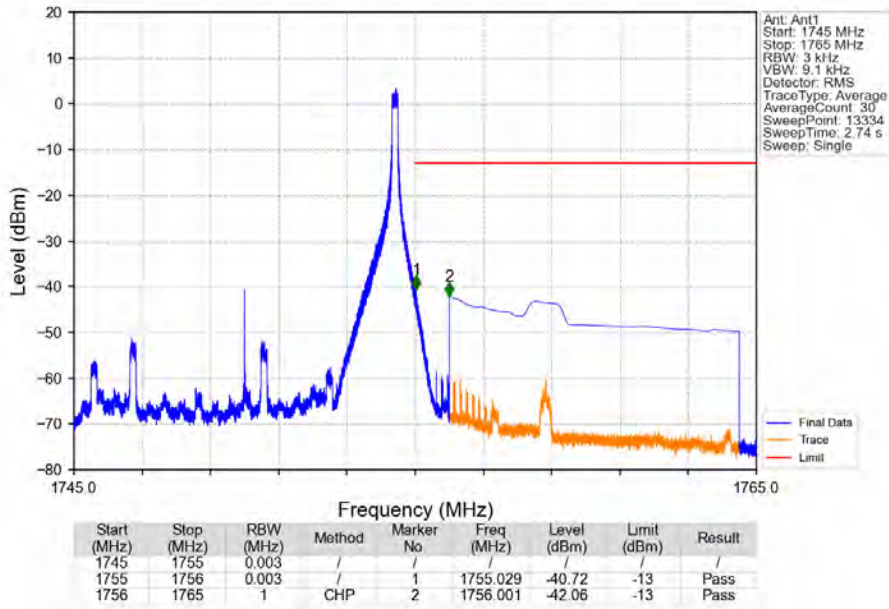
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Report No.: SUCR240200003402

Rev.: 01

Page: 239 of 263

Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTN



Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



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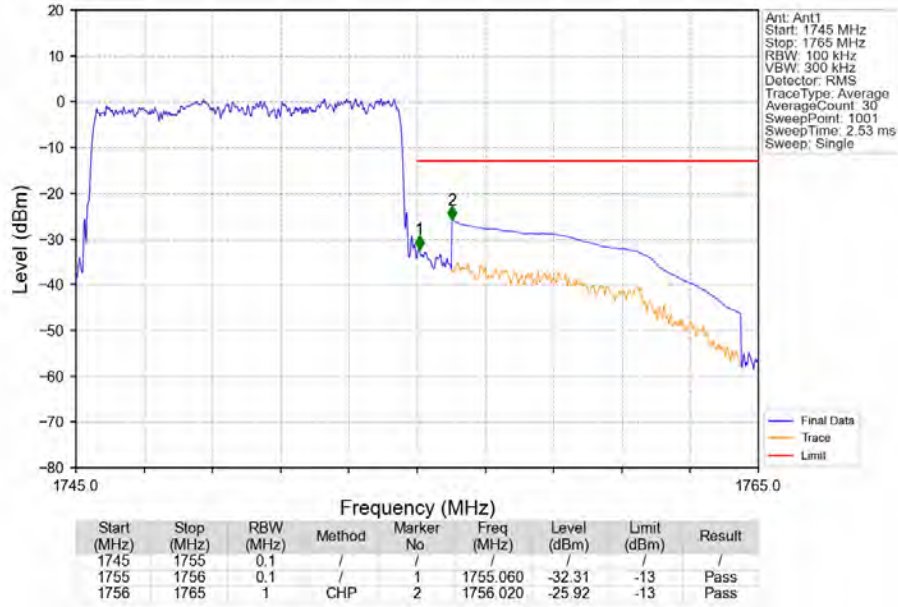
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Report No.: SUCR240200003402

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Page: 240 of 263



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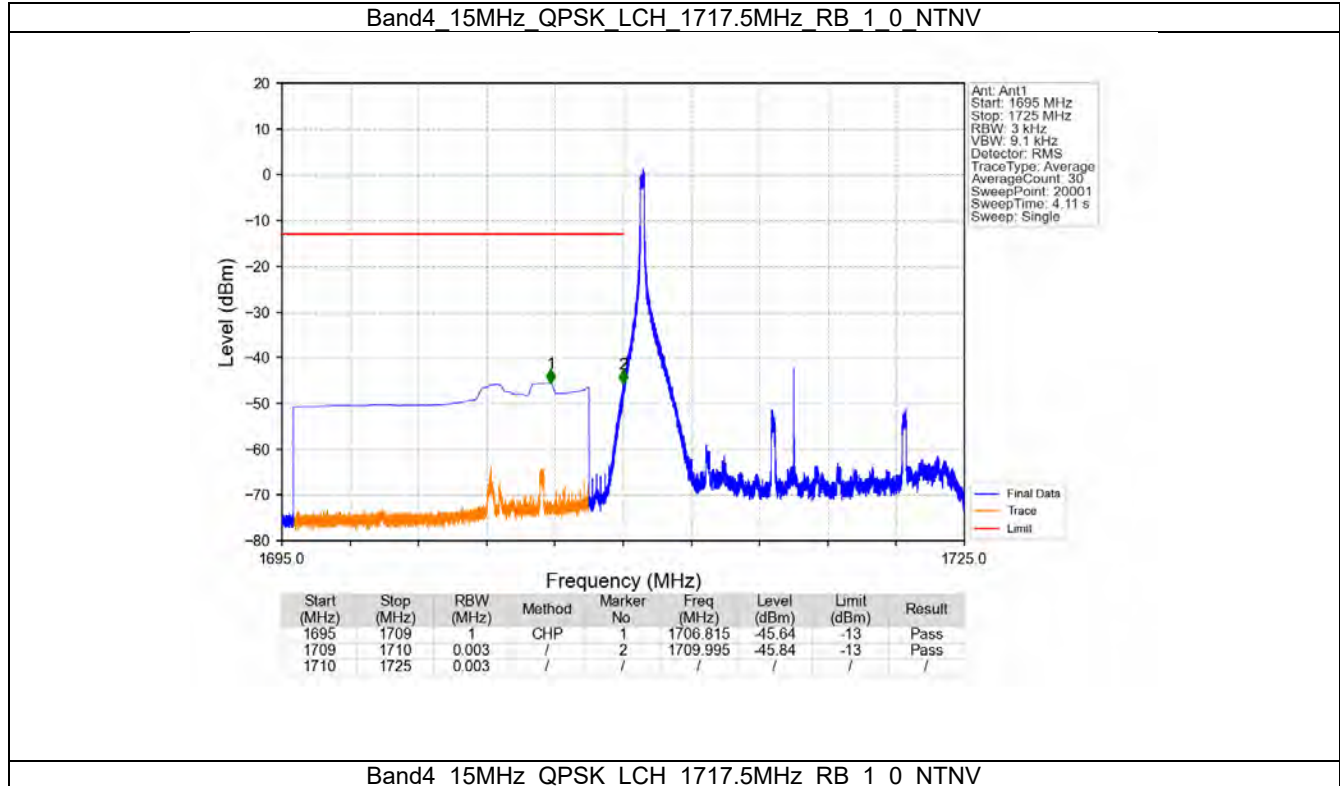
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Page: 241 of 263

5.5 B4_15MHz

5.5.2 Test Graph



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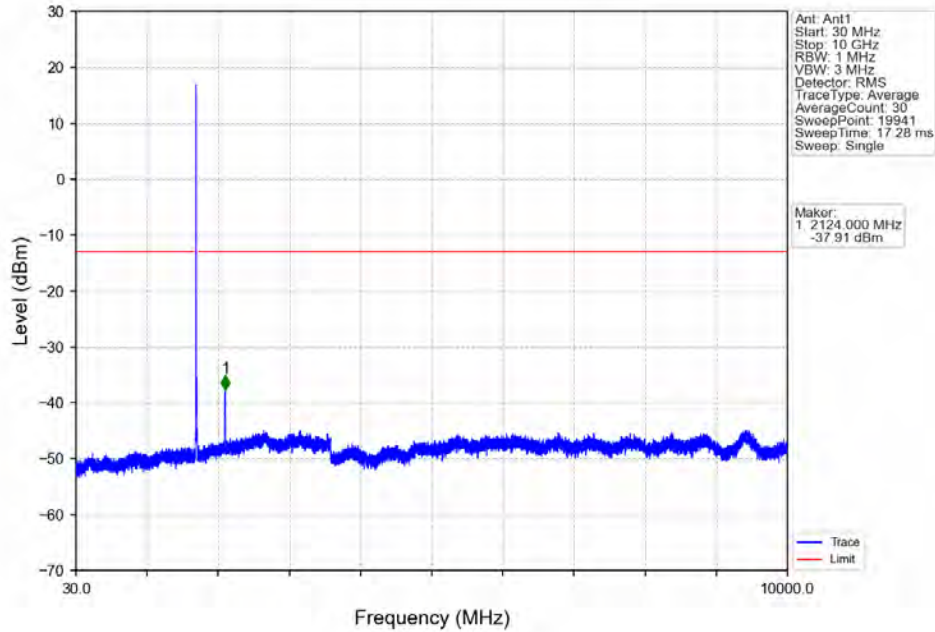
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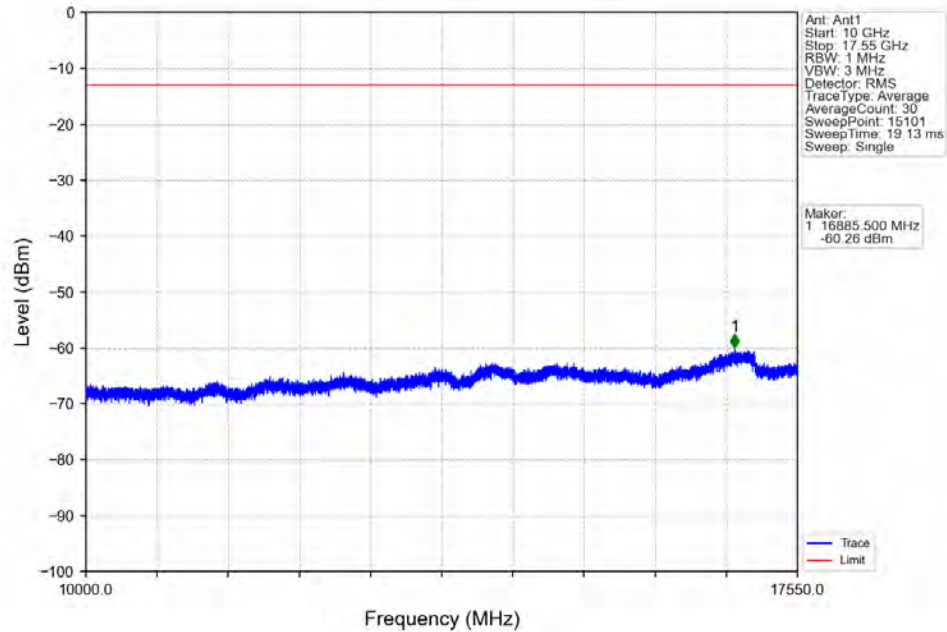
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Report No.: SUCR240200003402

Rev.: 01

Page: 243 of 263

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



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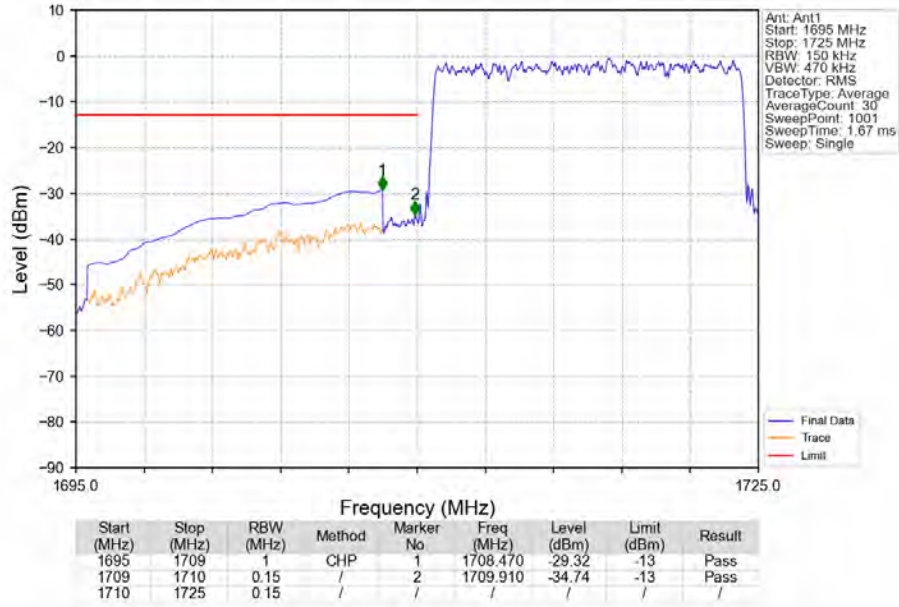
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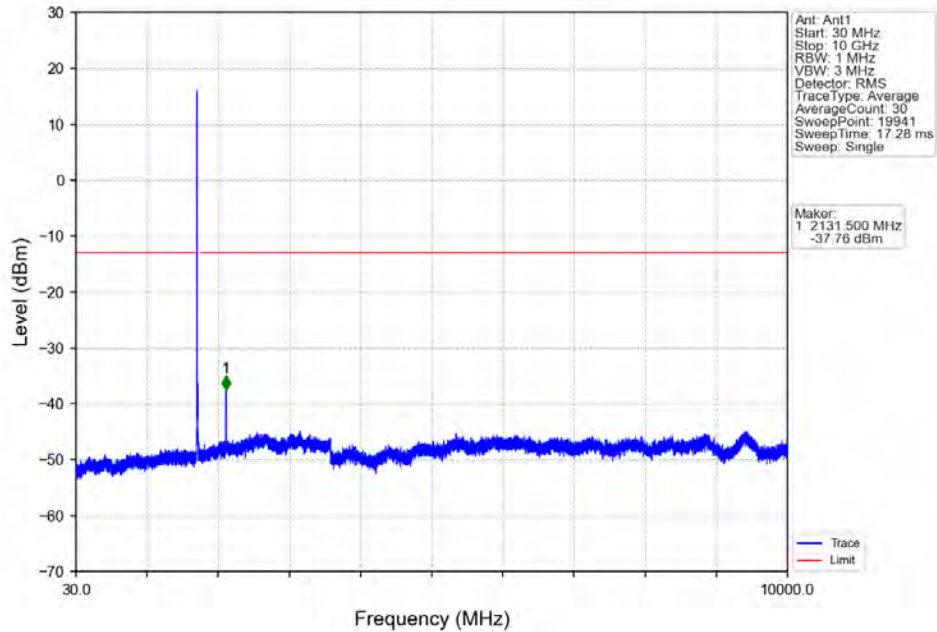
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Rev.: 01

Page: 245 of 263

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



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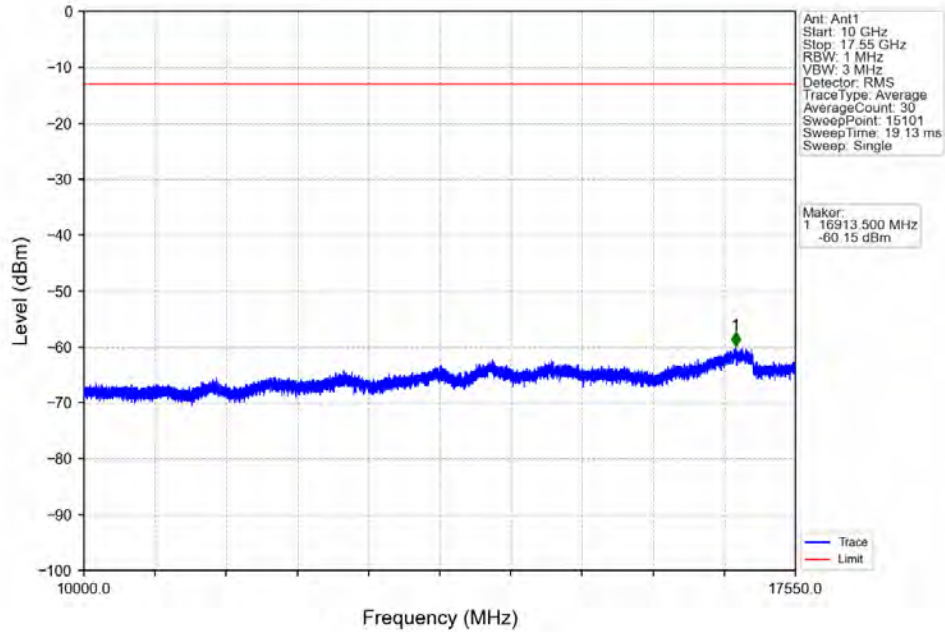
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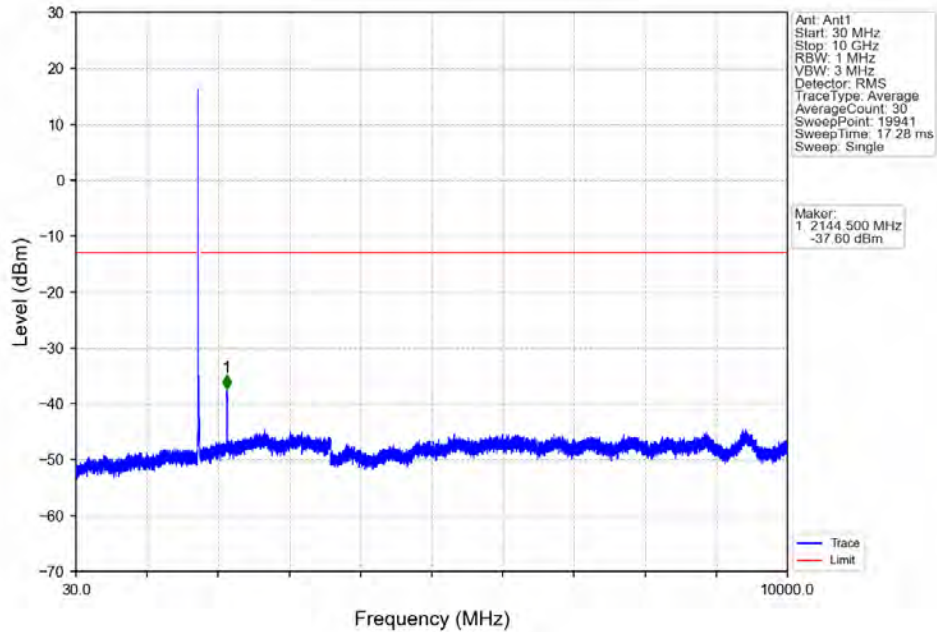
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Rev.: 01

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Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



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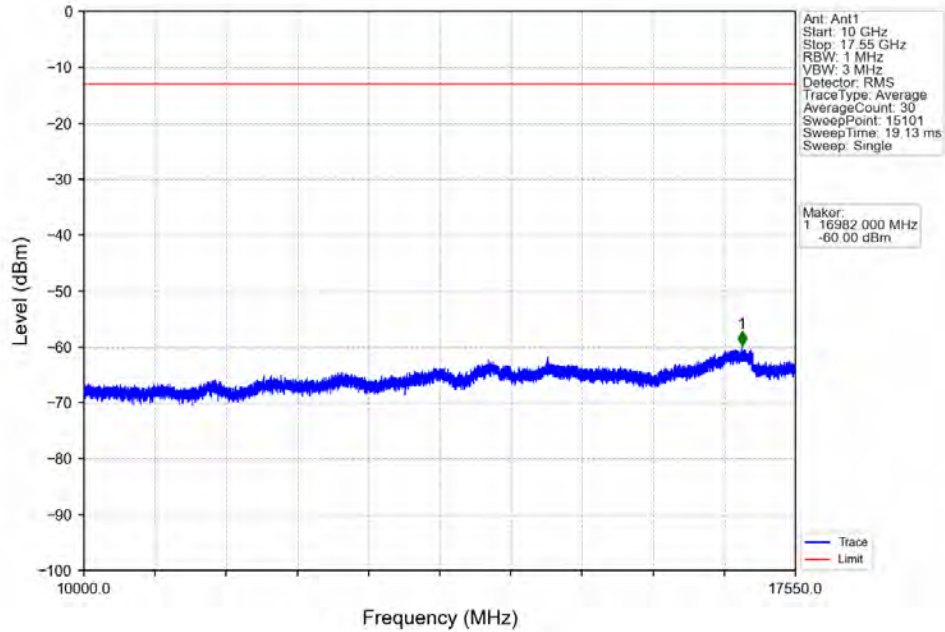
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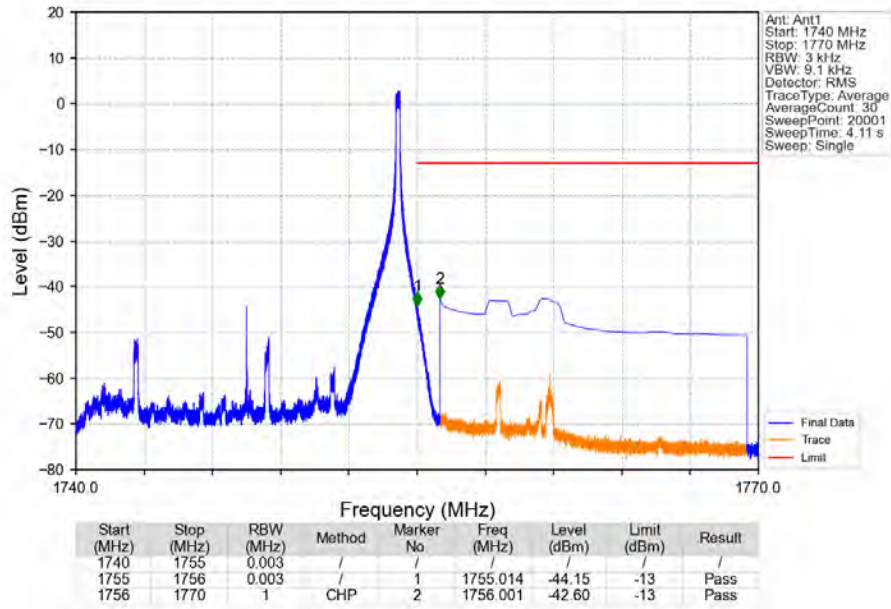
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Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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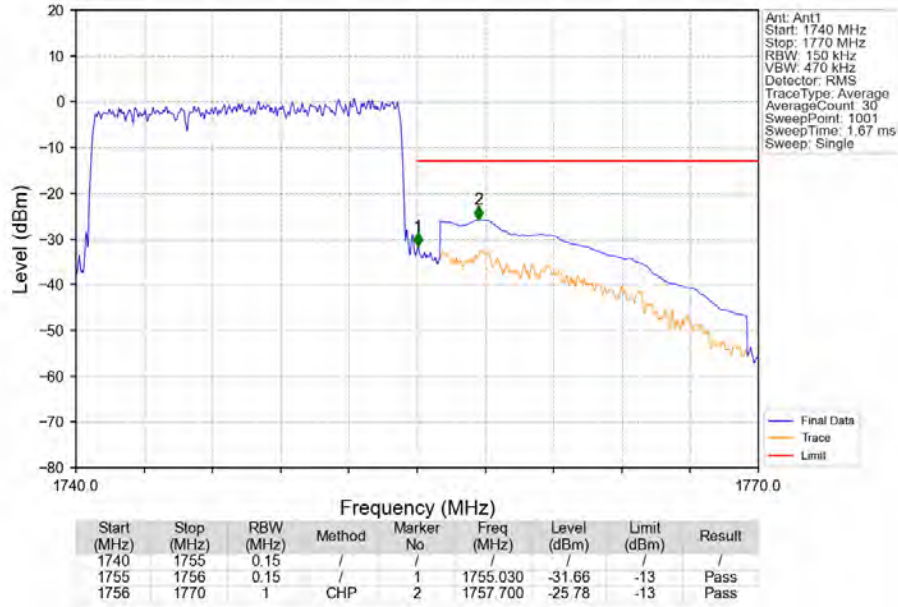
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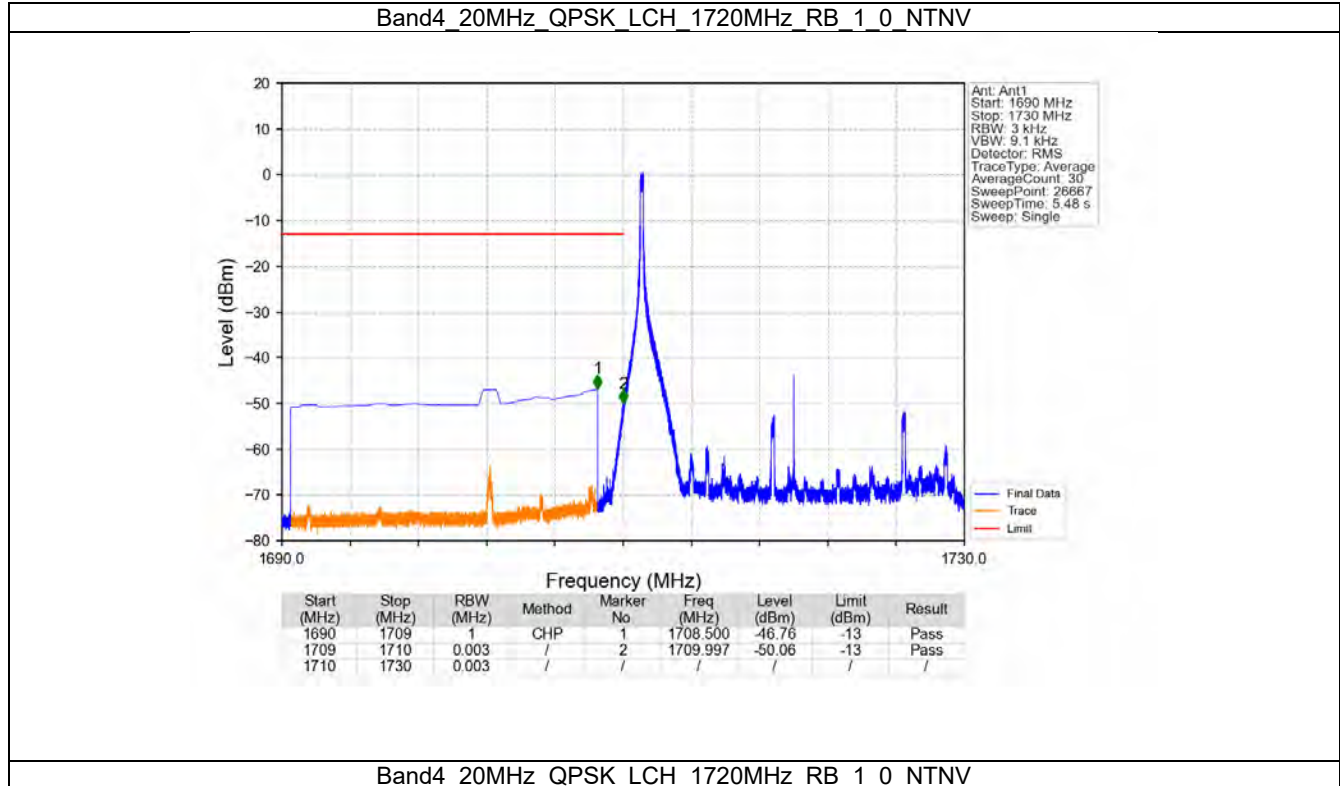
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Rev.: 01
Page: 251 of 263

5.6 B4_20MHz

5.6.2 Test Graph



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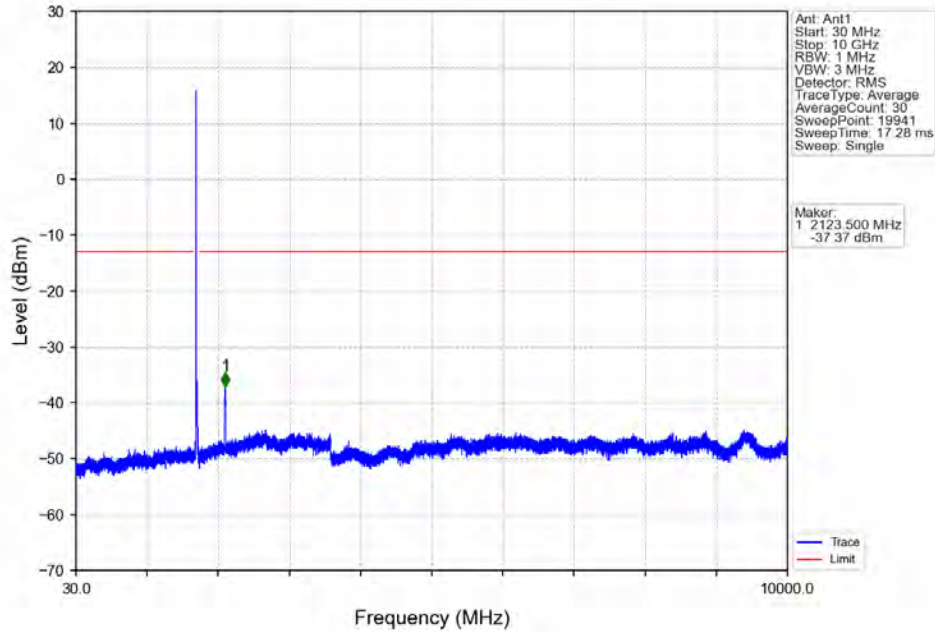
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Report No.: SUCR240200003402

Rev.: 01

Page: 252 of 263



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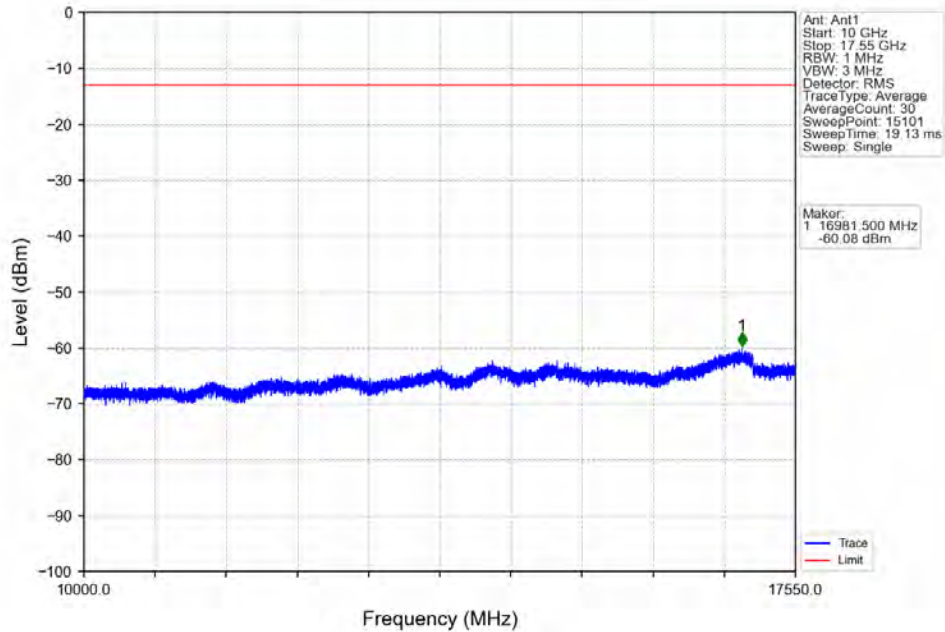
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Rev.: 01

Page: 253 of 263

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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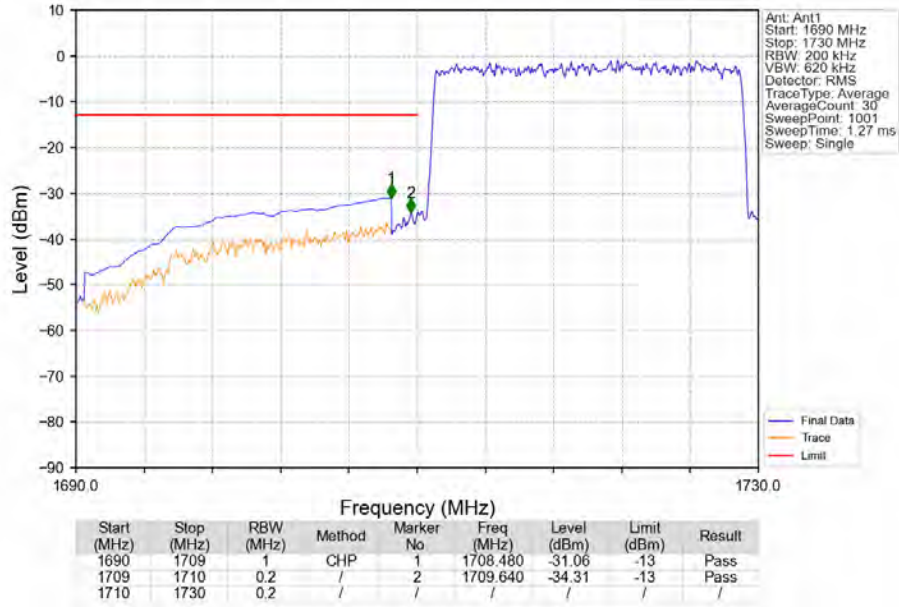
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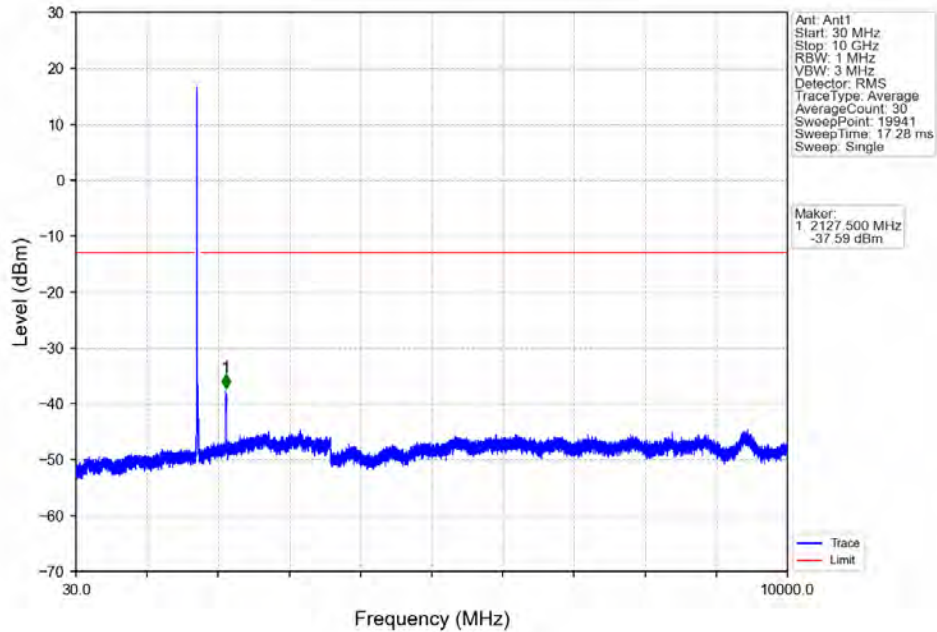
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Report No.: SUCR240200003402

Rev.: 01

Page: 255 of 263

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



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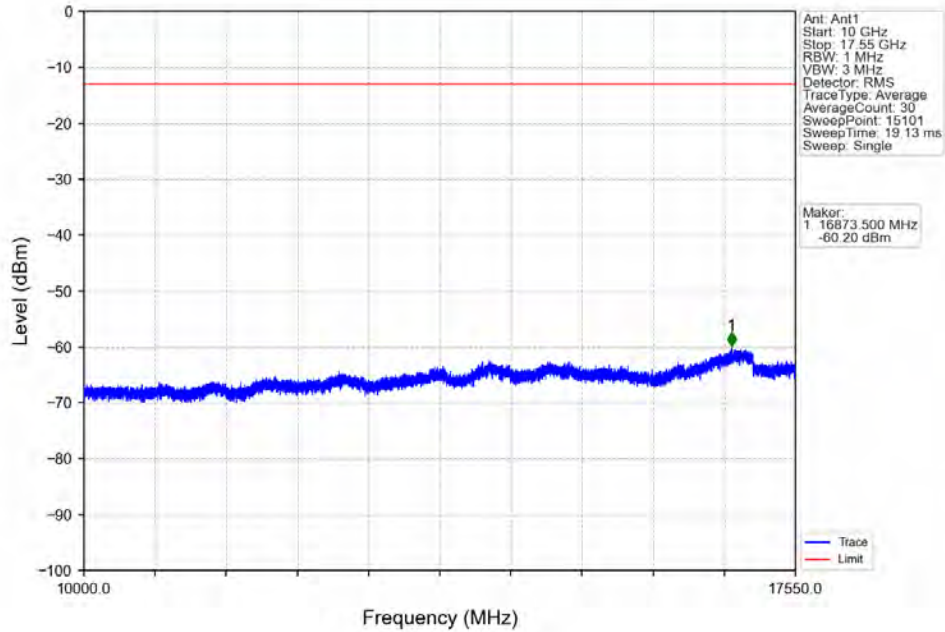
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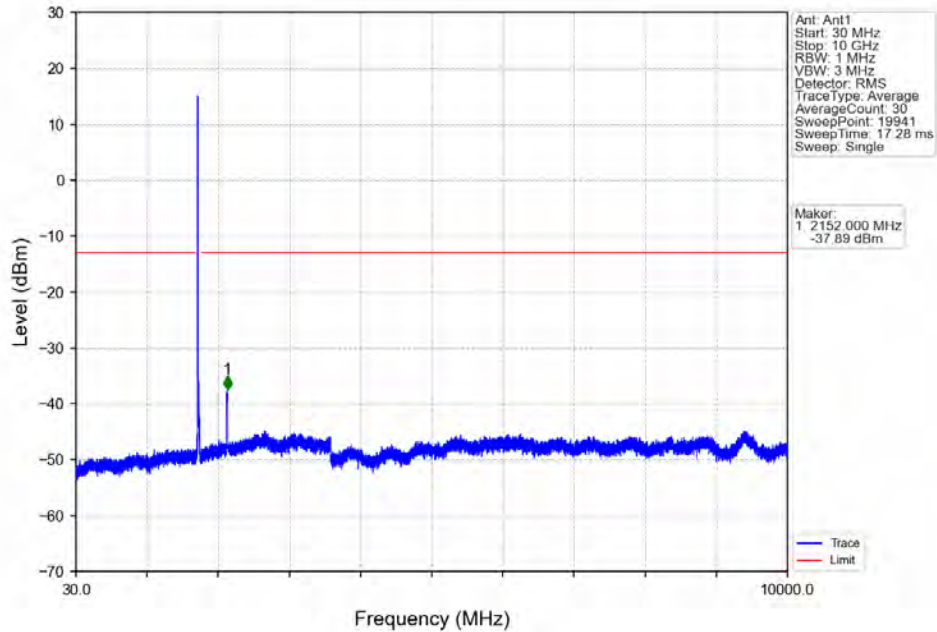
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Rev.: 01

Page: 257 of 263

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Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



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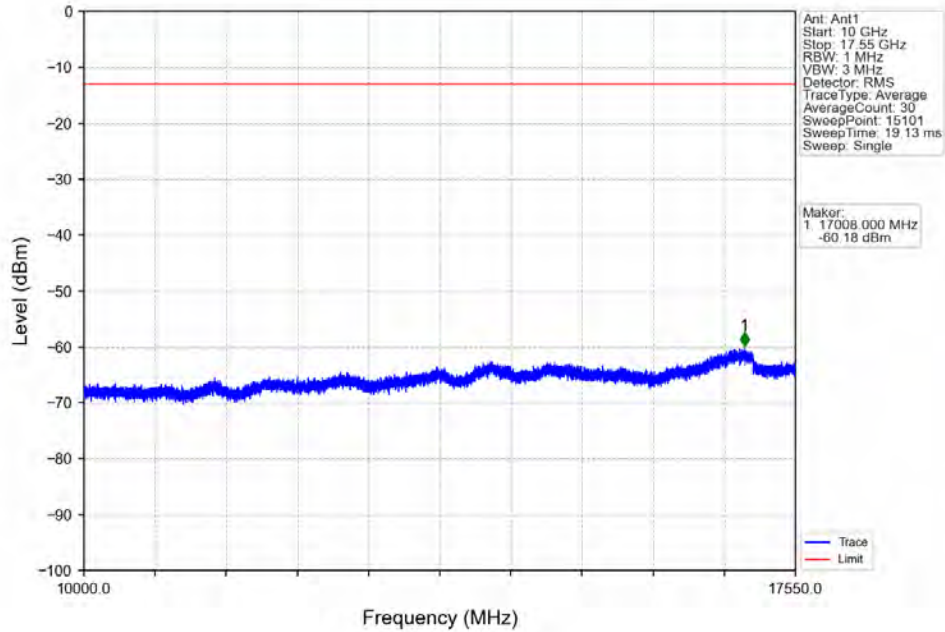
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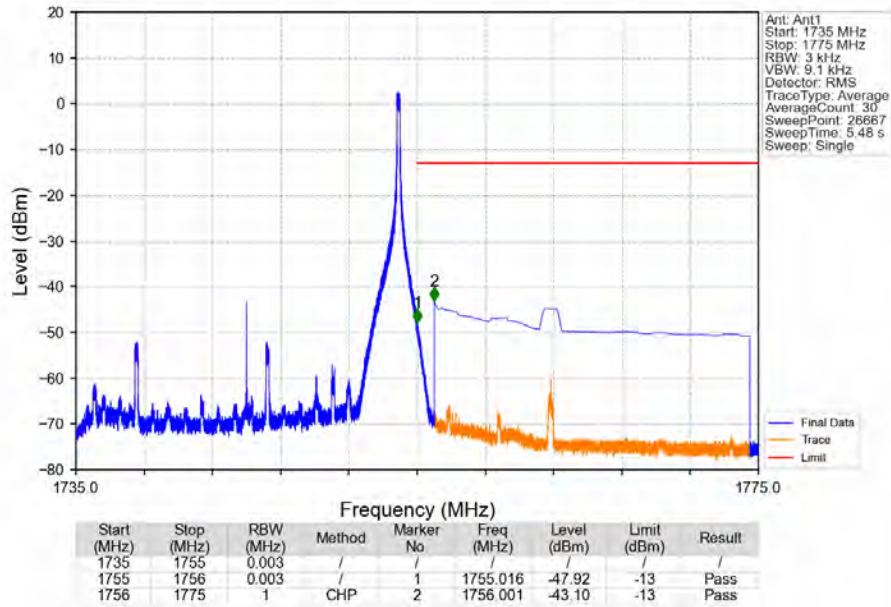
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Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



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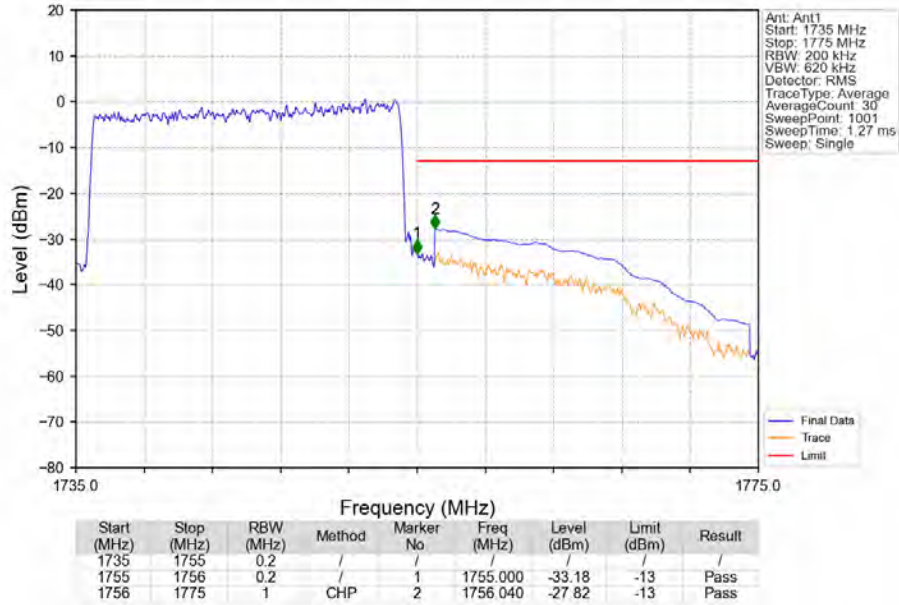
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Rev.: 01
Page: 261 of 263

6. Field Strength of Spurious Radiation

Test Band = LTE_4
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.2711	64.52	-50.15	29.71	-51.18	-13.00	38.18	Horizontal
2	5133.1067	56.65	-47.09	33.57	-52.13	-13.00	39.13	Horizontal
3	6969.9485	52.06	-44.38	36.44	-51.14	-13.00	38.14	Horizontal
4	9024.3012	50.03	-41.76	38.75	-48.24	-13.00	35.24	Horizontal
5	11908.1954	48.12	-37.84	39.49	-45.49	-13.00	32.49	Horizontal
6	17968.4984	50.14	-43.43	42.61	-45.94	-13.00	32.94	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.2711	59.57	-50.15	29.71	-56.13	-13.00	43.13	Vertical
2	5133.1067	56.18	-47.09	33.57	-52.60	-13.00	39.60	Vertical
3	7473.9737	50.94	-43.36	36.65	-51.03	-13.00	38.03	Vertical
4	8555.5278	52.38	-42.31	39.00	-46.19	-13.00	33.19	Vertical
5	11902.9451	48.40	-37.76	39.50	-45.12	-13.00	32.12	Vertical
6	17975.9988	50.33	-43.61	42.66	-45.88	-13.00	32.88	Vertical



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Rev.: 01
Page: 262 of 263

Test Band = LTE_4
Test Channel = MCH

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1	3447.0224	69.67	-50.11	29.61	-46.09	-13.00	33.09	Horizontal
2	5170.6085	65.37	-46.77	33.06	-43.60	-13.00	30.60	Horizontal
3	7363.7182	51.53	-43.99	36.87	-50.85	-13.00	37.85	Horizontal
4	9008.5504	49.63	-41.69	38.78	-48.54	-13.00	35.54	Horizontal
5	11894.6947	48.30	-37.82	39.52	-45.26	-13.00	32.26	Horizontal
6	17970.7485	50.41	-43.48	42.62	-45.71	-13.00	32.71	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.0224	63.88	-50.11	29.61	-51.88	-13.00	38.88	Vertical
2	5170.6085	61.16	-46.77	33.06	-47.81	-13.00	34.81	Vertical
3	8617.7809	52.50	-42.64	38.24	-47.16	-13.00	34.16	Vertical
4	11913.4457	48.34	-37.92	39.49	-45.35	-13.00	32.35	Vertical
5	14228.8114	49.17	-39.78	40.77	-45.10	-13.00	32.10	Vertical
6	17905.4953	49.96	-42.98	42.23	-46.05	-13.00	33.05	Vertical



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Report No.: SUCR240200003402
Rev.: 01
Page: 263 of 263

Test Band = LTE_4
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.7736	67.10	-49.64	29.69	-48.11	-13.00	35.11	Horizontal
2	5208.1104	60.30	-46.42	32.48	-48.90	-13.00	35.90	Horizontal
3	7131.9566	51.00	-43.98	37.03	-51.21	-13.00	38.21	Horizontal
4	9048.3024	50.33	-41.86	38.70	-48.09	-13.00	35.09	Horizontal
5	11896.9448	48.70	-37.77	39.51	-44.82	-13.00	31.82	Horizontal
6	14247.5624	49.10	-39.74	40.75	-45.15	-13.00	32.15	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5236	61.08	-49.63	29.69	-54.12	-13.00	41.12	Vertical
2	5208.1104	54.96	-46.42	32.48	-54.24	-13.00	41.24	Vertical
3	7474.7237	51.84	-43.36	36.65	-50.13	-13.00	37.13	Vertical
4	8680.784	52.82	-42.70	38.18	-46.96	-13.00	33.96	Vertical
5	12317.7159	48.34	-38.01	39.68	-45.25	-13.00	32.25	Vertical
6	17972.9986	50.72	-43.54	42.64	-45.44	-13.00	32.44	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

---End of Attachment---



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307-1443, or email: CN.Doccheck@sgs.com

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