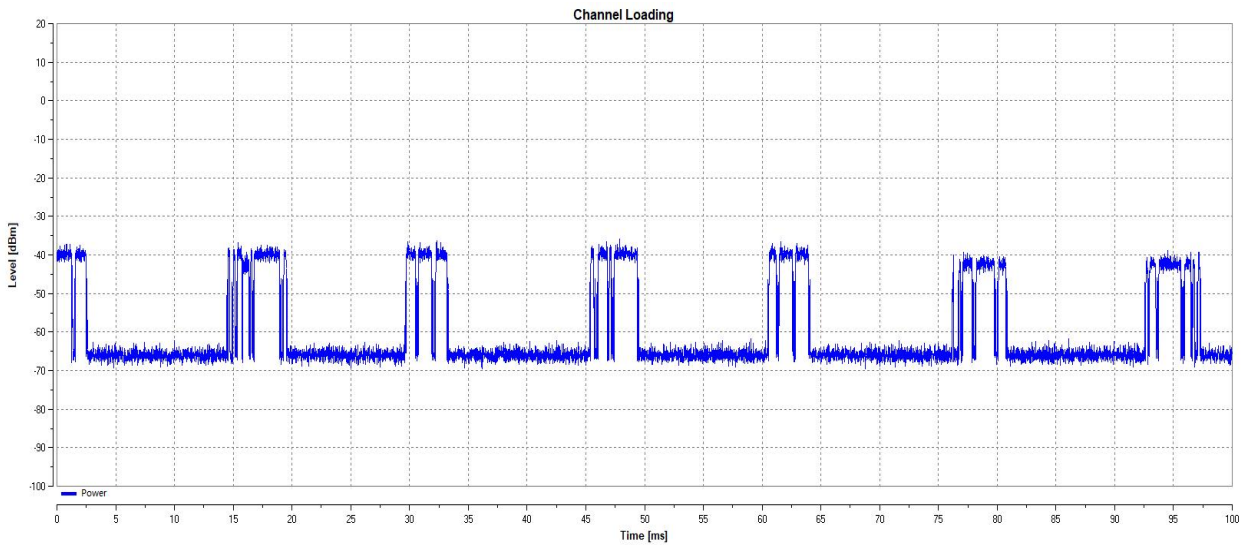
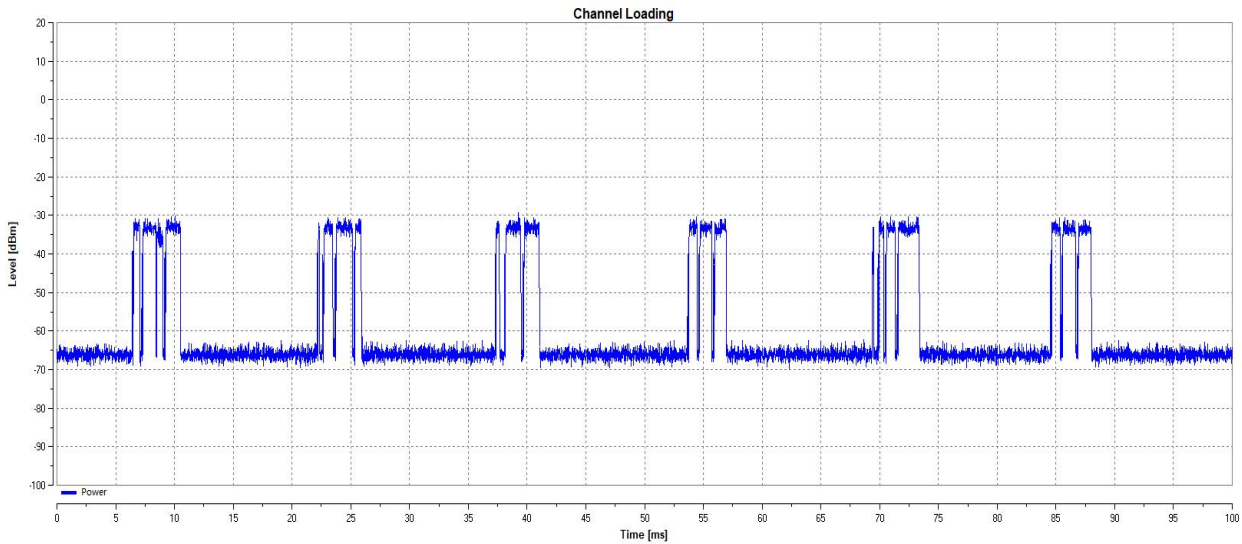




11AX80_5290



11AX80_5530

7. Testing Results

Conducted Output Power&E.I.R.P and PSD

Mode: TX (802.11ax(HE20))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	11.58	5.73	17.31	53.8270	2.35
	2	12.08	5.92	18.00	63.0957	1.90
Mode: TX (802.11ax(HE40))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	11.11	5.73	16.84	48.3059	-3.11
	2	11.87	5.92	17.79	60.1174	-0.46
Mode: TX (802.11ax(HE80))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	11.20	5.73	16.93	49.3174	-3.01
	2	10.82	5.92	16.74	47.2063	-5.16

Mode: TX (802.11ax(HE20))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	12.69	5.73	18.42	69.5024	1.49
	2	12.37	5.92	18.29	67.4528	1.98
Mode: TX (802.11ax(HE40))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	12.65	5.73	18.38	68.8652	0.13
	2	12.68	5.92	18.60	72.4436	-0.62
Mode: TX (802.11ax(HE80))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	11.38	5.73	17.11	51.4044	-3.72
	2	12.35	5.92	18.27	67.1429	-4.77

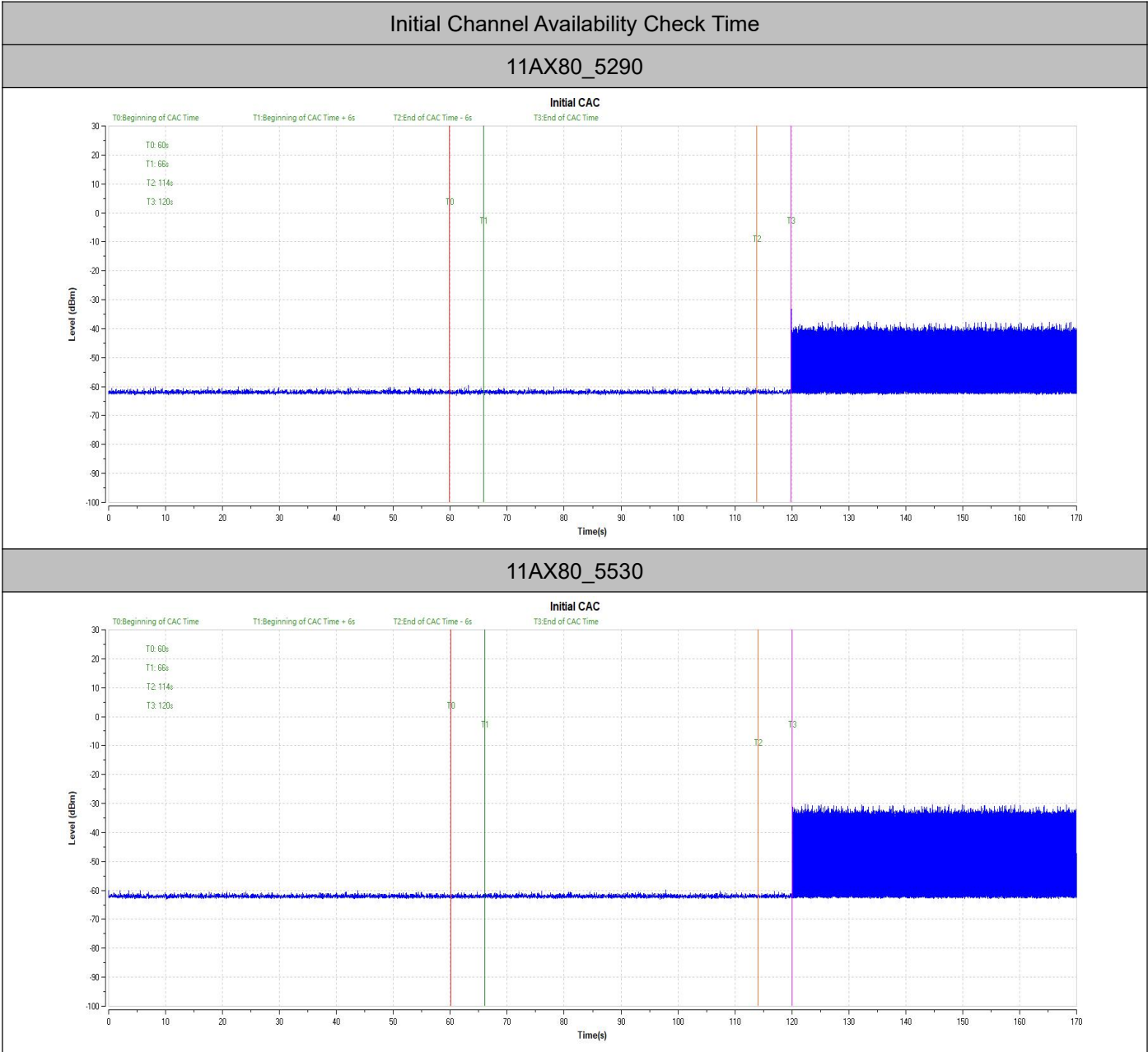
Channel Availability Check Time

If the UUT successfully detected the radar burst, it should be observed as the UUT has no transmissions occurred until the UUT starts transmitting on another channel.

Test Result

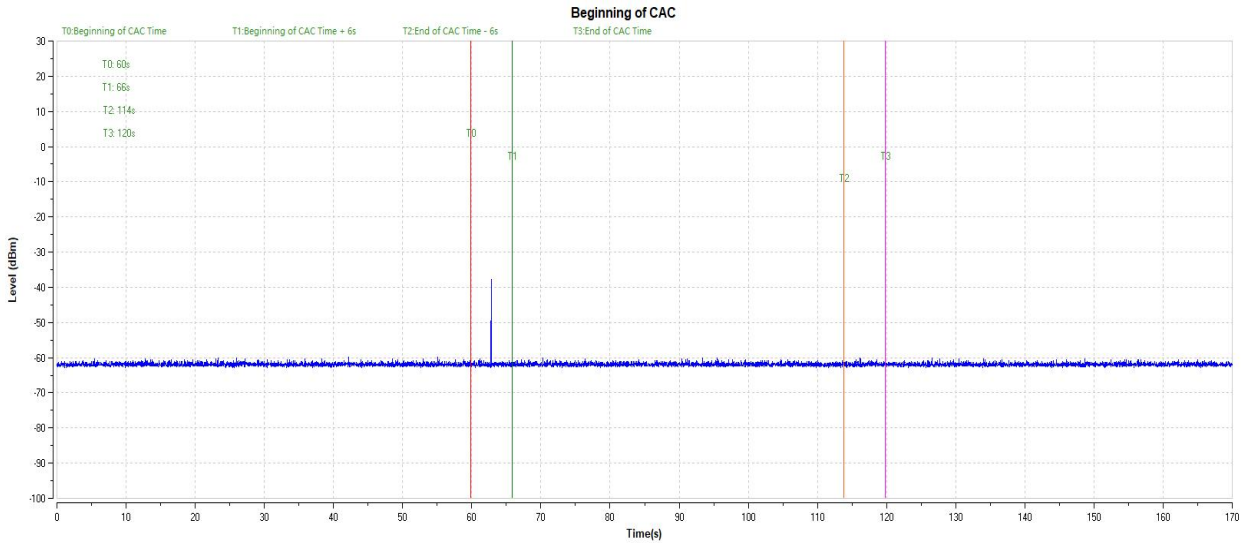
Test Mode	Frequency[MHz]	Result	Verdict
11AX80	5290	See test Graph	PASS
11AX80	5530	See test Graph	PASS

Test Graphs

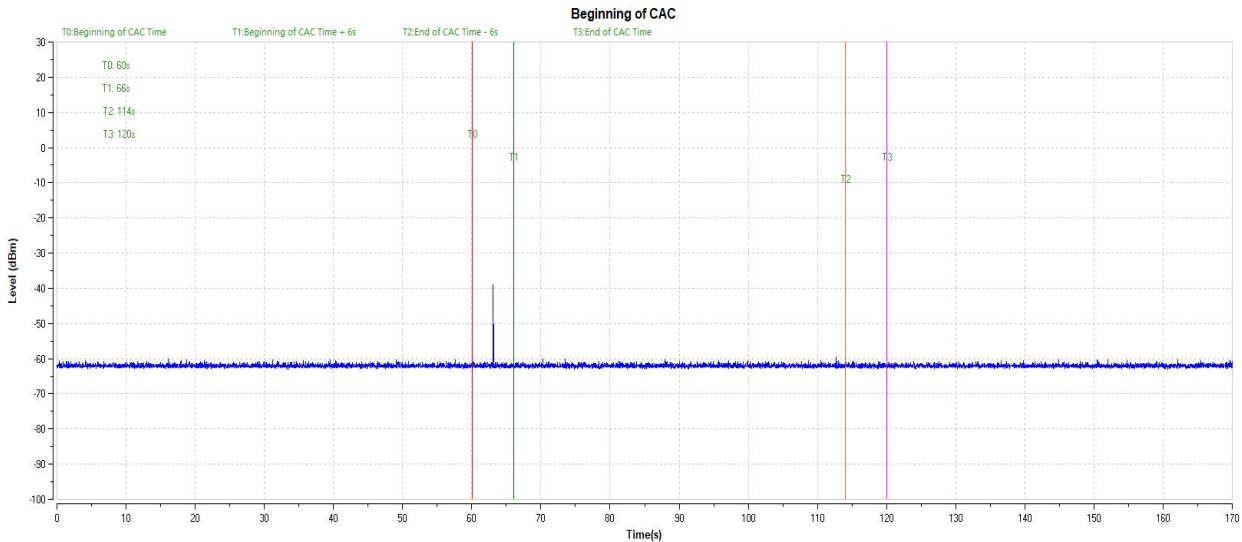


Beginning of Channel Availability Check Time

11AX80_5290

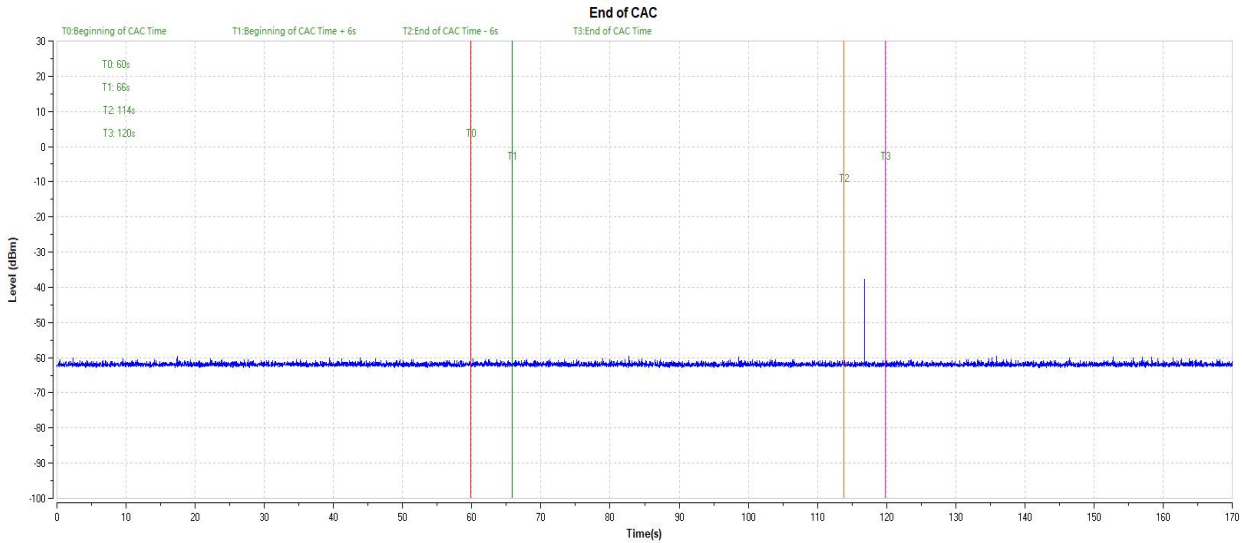


11AX80_5530

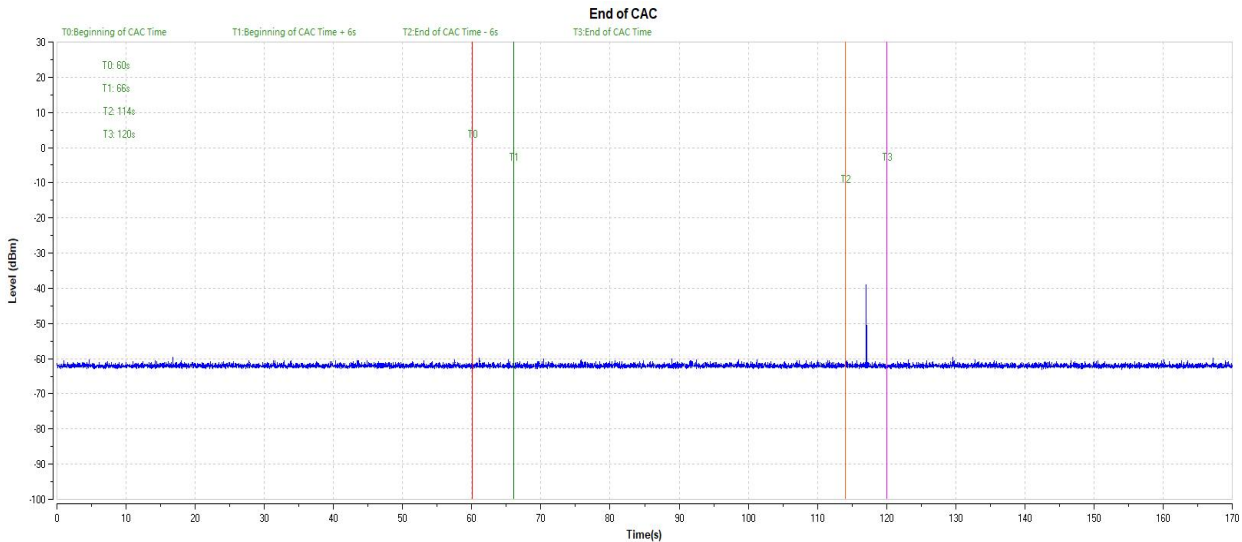


End of Channel Availability Check Time

11AX80_5290



11AX80_5530



Statistical Performance check

Note: All BW modes have been tested, only worse case 802.11 ax160 mode is reported.

Test Mode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11AX80	5290	Type1	26	4	86.67	60	PASS
		Type2	28	2	93.33	60	PASS
		Type3	25	5	83.33	60	PASS
		Type4	28	2	93.33	60	PASS
		Type 1-4	---	---	---	80	PASS
		Type5	27	3	90.00	80	PASS
		Type6	30	0	100.00	70	PASS

Test Mode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11AX80	5530	Type1	25	5	83.33	60	PASS
		Type2	27	3	90.00	60	PASS
		Type3	28	2	93.33	60	PASS
		Type4	28	2	93.33	60	PASS
		Type 1-4	---	---	---	80	PASS
		Type5	26	4	86.67	80	PASS
		Type6	30	0	100.00	70	PASS

Test Mode	Frequency [MHz]	Radar Type	Trial ID	Pulse width(μs)	PRI(μs)	Pulses per Burst	Detection (1: Yes; 0: No)
11AX80	5290	Type1	0	1.0	938.0	57	1
		Type1	1	1.0	698.0	76	1
		Type1	2	1.0	618.0	86	1
		Type1	3	1.0	538.0	99	1
		Type1	4	1.0	878.0	61	1
		Type1	5	1.0	3066.0	18	0
		Type1	6	1.0	638.0	83	1
		Type1	7	1.0	918.0	58	1
		Type1	8	1.0	838.0	63	1
		Type1	9	1.0	858.0	62	1
		Type1	10	1.0	798.0	67	1
		Type1	11	1.0	718.0	74	1
		Type1	12	1.0	578.0	92	0
		Type1	13	1.0	598.0	89	1
		Type1	14	1.0	558.0	95	1
		Type1	15	1.0	2536.0	21	1
		Type1	16	1.0	966.0	55	1
		Type1	17	1.0	827.0	64	1
		Type1	18	1.0	2501.0	22	0
		Type1	19	1.0	2595.0	21	1
		Type1	20	1.0	1114.0	48	1
		Type1	21	1.0	1302.0	41	1
		Type1	22	1.0	3045.0	18	1
		Type1	23	1.0	1624.0	33	1
		Type1	24	1.0	2878.0	19	1
		Type1	25	1.0	1027.0	52	1
		Type1	26	1.0	2485.0	22	1
		Type1	27	1.0	1600.0	33	0
		Type1	28	1.0	1172.0	46	1
		Type1	29	1.0	1177.0	45	1
		Type2	0	3.2	179.0	26	1
		Type2	1	1.1	207.0	23	1
		Type2	2	2.1	230.0	24	0
		Type2	3	4.8	200.0	29	1

	Type2	4	3.9	214.0	28	1
	Type2	5	2.9	222.0	26	1
	Type2	6	3.2	204.0	26	1
	Type2	7	2.5	192.0	25	1
	Type2	8	3.1	164.0	26	1
	Type2	9	1.2	156.0	23	1
	Type2	10	3.9	210.0	27	1
	Type2	11	4.6	201.0	29	1
	Type2	12	3.2	162.0	26	1
	Type2	13	2.2	197.0	25	1
	Type2	14	4.5	163.0	29	1
	Type2	15	3.0	203.0	26	0
	Type2	16	5.0	168.0	29	1
	Type2	17	2.4	217.0	25	1
	Type2	18	2.9	191.0	26	1
	Type2	19	2.3	166.0	25	1
	Type2	20	3.7	150.0	27	1
	Type2	21	2.2	176.0	25	1
	Type2	22	4.9	195.0	29	1
	Type2	23	2.9	202.0	26	1
	Type2	24	2.5	178.0	25	1
	Type2	25	1.1	206.0	23	1
	Type2	26	3.8	155.0	27	1
	Type2	27	4.7	157.0	29	1
	Type2	28	2.4	224.0	25	1
	Type2	29	4.2	159.0	28	1
	Type3	0	8.2	355.0	17	1
	Type3	1	6.1	487.0	16	1
	Type3	2	7.1	344.0	16	1
	Type3	3	9.8	288.0	18	1
	Type3	4	8.9	230.0	18	1
	Type3	5	7.9	432.0	17	1
	Type3	6	8.2	207.0	17	0
	Type3	7	7.5	443.0	17	1
	Type3	8	8.1	439.0	17	1
	Type3	9	6.2	223.0	16	1
	Type3	10	8.9	208.0	18	1

		Type3	11	9.6	463.0	18	1
		Type3	12	8.2	441.0	17	1
		Type3	13	7.2	323.0	16	0
		Type3	14	9.5	297.0	18	1
		Type3	15	8.0	412.0	17	1
		Type3	16	10.0	324.0	18	1
		Type3	17	7.4	271.0	17	0
		Type3	18	7.9	349.0	17	1
		Type3	19	7.3	409.0	16	1
		Type3	20	8.7	373.0	18	1
		Type3	21	7.2	254.0	16	1
		Type3	22	9.9	274.0	18	0
		Type3	23	7.9	278.0	17	1
		Type3	24	7.5	317.0	17	1
		Type3	25	6.1	260.0	16	0
		Type3	26	8.8	211.0	18	1
		Type3	27	9.7	272.0	18	1
		Type3	28	7.4	264.0	17	1
		Type3	29	9.2	284.0	18	1
		Type4	0	16.0	355.0	14	1
		Type4	1	11.3	487.0	12	1
		Type4	2	13.5	344.0	13	1
		Type4	3	19.4	288.0	16	1
		Type4	4	17.5	230.0	15	1
		Type4	5	15.3	432.0	14	1
		Type4	6	15.9	207.0	14	1
		Type4	7	14.3	443.0	13	1
		Type4	8	15.8	439.0	14	0
		Type4	9	11.5	223.0	12	1
		Type4	10	17.4	208.0	15	1
		Type4	11	19.0	463.0	16	1
		Type4	12	16.0	441.0	14	1
		Type4	13	13.8	323.0	13	1
		Type4	14	18.9	297.0	16	1
		Type4	15	15.5	412.0	14	1
		Type4	16	19.9	324.0	16	1
		Type4	17	14.1	271.0	13	1

	Type4	18	15.2	349.0	14	1
	Type4	19	13.8	409.0	13	0
	Type4	20	17.1	373.0	15	1
	Type4	21	13.8	254.0	13	1
	Type4	22	19.8	274.0	16	1
	Type4	23	15.3	278.0	14	1
	Type4	24	14.5	317.0	13	1
	Type4	25	11.3	260.0	12	1
	Type4	26	17.3	211.0	15	1
	Type4	27	19.2	272.0	16	1
	Type4	28	14.2	264.0	13	1
	Type4	29	18.2	284.0	15	1
	Type6	0	1	333.3	9	1
	Type6	1	1	333.3	9	1
	Type6	2	1	333.3	9	1
	Type6	3	1	333.3	9	1
	Type6	4	1	333.3	9	1
	Type6	5	1	333.3	9	1
	Type6	6	1	333.3	9	1
	Type6	7	1	333.3	9	1
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	Type6	17	1	333.3	9	1
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	Type6	21	1	333.3	9	1
	Type6	22	1	333.3	9	1
	Type6	23	1	333.3	9	1
	Type6	24	1	333.3	9	1

		Type6	25	1	333.3	9	1
		Type6	26	1	333.3	9	1
		Type6	27	1	333.3	9	1
		Type6	28	1	333.3	9	1
		Type6	29	1	333.3	9	1
11AX80	5530	Type1	0	1.0	938.0	57	1
		Type1	1	1.0	698.0	76	1
		Type1	2	1.0	618.0	86	1
		Type1	3	1.0	538.0	99	0
		Type1	4	1.0	878.0	61	1
		Type1	5	1.0	3066.0	18	1
		Type1	6	1.0	638.0	83	1
		Type1	7	1.0	918.0	58	1
		Type1	8	1.0	838.0	63	1
		Type1	9	1.0	858.0	62	1
		Type1	10	1.0	798.0	67	0
		Type1	11	1.0	718.0	74	1
		Type1	12	1.0	578.0	92	1
		Type1	13	1.0	598.0	89	1
		Type1	14	1.0	558.0	95	1
		Type1	15	1.0	2536.0	21	1
		Type1	16	1.0	966.0	55	1
		Type1	17	1.0	827.0	64	0
		Type1	18	1.0	2501.0	22	1
		Type1	19	1.0	2595.0	21	1
		Type1	20	1.0	1114.0	48	1
		Type1	21	1.0	1302.0	41	1
		Type1	22	1.0	3045.0	18	1
		Type1	23	1.0	1624.0	33	0
		Type1	24	1.0	2878.0	19	1
		Type1	25	1.0	1027.0	52	1
		Type1	26	1.0	2485.0	22	0
		Type1	27	1.0	1600.0	33	1
		Type1	28	1.0	1172.0	46	1
		Type1	29	1.0	1177.0	45	1
		Type2	0	3.2	179.0	26	1
		Type2	1	1.1	207.0	23	1

		Type2	2	2.1	230.0	24	1
		Type2	3	4.8	200.0	29	1
		Type2	4	3.9	214.0	28	1
		Type2	5	2.9	222.0	26	1
		Type2	6	3.2	204.0	26	1
		Type2	7	2.5	192.0	25	1
		Type2	8	3.1	164.0	26	1
		Type2	9	1.2	156.0	23	0
		Type2	10	3.9	210.0	27	1
		Type2	11	4.6	201.0	29	1
		Type2	12	3.2	162.0	26	1
		Type2	13	2.2	197.0	25	1
		Type2	14	4.5	163.0	29	1
		Type2	15	3.0	203.0	26	1
		Type2	16	5.0	168.0	29	1
		Type2	17	2.4	217.0	25	1
		Type2	18	2.9	191.0	26	1
		Type2	19	2.3	166.0	25	1
		Type2	20	3.7	150.0	27	0
		Type2	21	2.2	176.0	25	1
		Type2	22	4.9	195.0	29	1
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		Type2	24	2.5	178.0	25	0
		Type2	25	1.1	206.0	23	1
		Type2	26	3.8	155.0	27	1
		Type2	27	4.7	157.0	29	1
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		Type3	1	6.1	487.0	16	1
		Type3	2	7.1	344.0	16	1
		Type3	3	9.8	288.0	18	1
		Type3	4	8.9	230.0	18	1
		Type3	5	7.9	432.0	17	1
		Type3	6	8.2	207.0	17	1
		Type3	7	7.5	443.0	17	1
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		Type3	9	6.2	223.0	16	1
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		Type3	11	9.6	463.0	18	1
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		Type3	14	9.5	297.0	18	0
		Type3	15	8.0	412.0	17	1
		Type3	16	10.0	324.0	18	1
		Type3	17	7.4	271.0	17	1
		Type3	18	7.9	349.0	17	1
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		Type3	22	9.9	274.0	18	1
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		Type3	25	6.1	260.0	16	1
		Type3	26	8.8	211.0	18	1
		Type3	27	9.7	272.0	18	1
		Type3	28	7.4	264.0	17	1
		Type3	29	9.2	284.0	18	1
		Type4	0	16.0	355.0	14	1
		Type4	1	11.3	487.0	12	1
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		Type4	3	19.4	288.0	16	1
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		Type4	10	17.4	208.0	15	1
		Type4	11	19.0	463.0	16	1
		Type4	12	16.0	441.0	14	0
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		Type4	14	18.9	297.0	16	1
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	Type4	16	19.9	324.0	16	1
	Type4	17	14.1	271.0	13	1
	Type4	18	15.2	349.0	14	1
	Type4	19	13.8	409.0	13	1
	Type4	20	17.1	373.0	15	1
	Type4	21	13.8	254.0	13	1
	Type4	22	19.8	274.0	16	1
	Type4	23	15.3	278.0	14	0
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	Type4	25	11.3	260.0	12	1
	Type4	26	17.3	211.0	15	1
	Type4	27	19.2	272.0	16	1
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	Type4	29	18.2	284.0	15	1
	Type6	0	1	333.3	9	1
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	Type6	19	1	333.3	9	1
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	Type6	21	1	333.3	9	1
	Type6	22	1	333.3	9	1

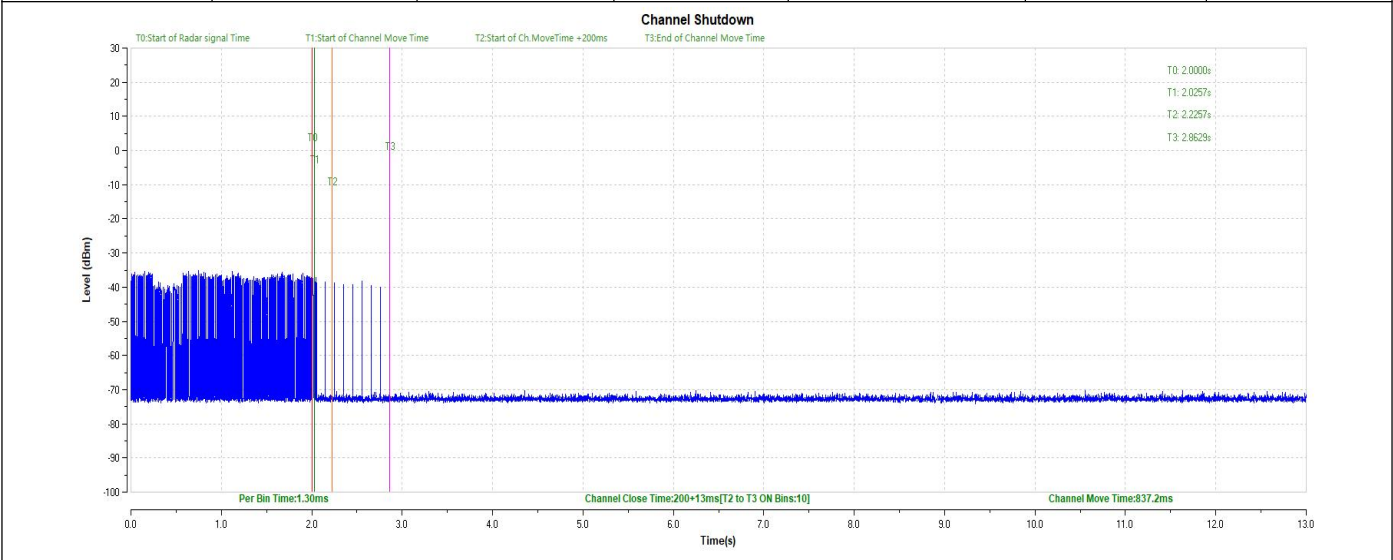
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		Type6	25	1	333.3	9	1
		Type6	26	1	333.3	9	1
		Type6	27	1	333.3	9	1
		Type6	28	1	333.3	9	1
		Type6	29	1	333.3	9	1

Test Mode	Frequency [MHz]	Radar Type	Trial ID	Number Of Bursts	Waveform Length (s)	Radar Frequency [MHz]	Detection (1: Yes; 0: No)
11AX80	5290	Type5	0	15	12	5250	1
		Type5	1	8	12	5250	1
		Type5	2	11	12	5250	1
		Type5	3	20	12	5250	1
		Type5	4	17	12	5250	1
		Type5	5	14	12	5250	0
		Type5	6	15	12	5250	1
		Type5	7	12	12	5250	1
		Type5	8	14	12	5250	1
		Type5	9	8	12	5250	1
		Type5	10	17	12	5179	1
		Type5	11	19	12	5180	1
		Type5	12	15	12	5178	1
		Type5	13	12	12	5176	1
		Type5	14	19	12	5180	1
		Type5	15	14	12	5177	1
		Type5	16	20	12	5180	1
		Type5	17	12	12	5176	1
		Type5	18	14	12	5177	1
		Type5	19	12	12	5176	0
		Type5	20	16	12	5322	1
		Type5	21	12	12	5324	1
		Type5	22	20	12	5320	1
		Type5	23	14	12	5323	0
		Type5	24	13	12	5323	1
		Type5	25	8	12	5326	1

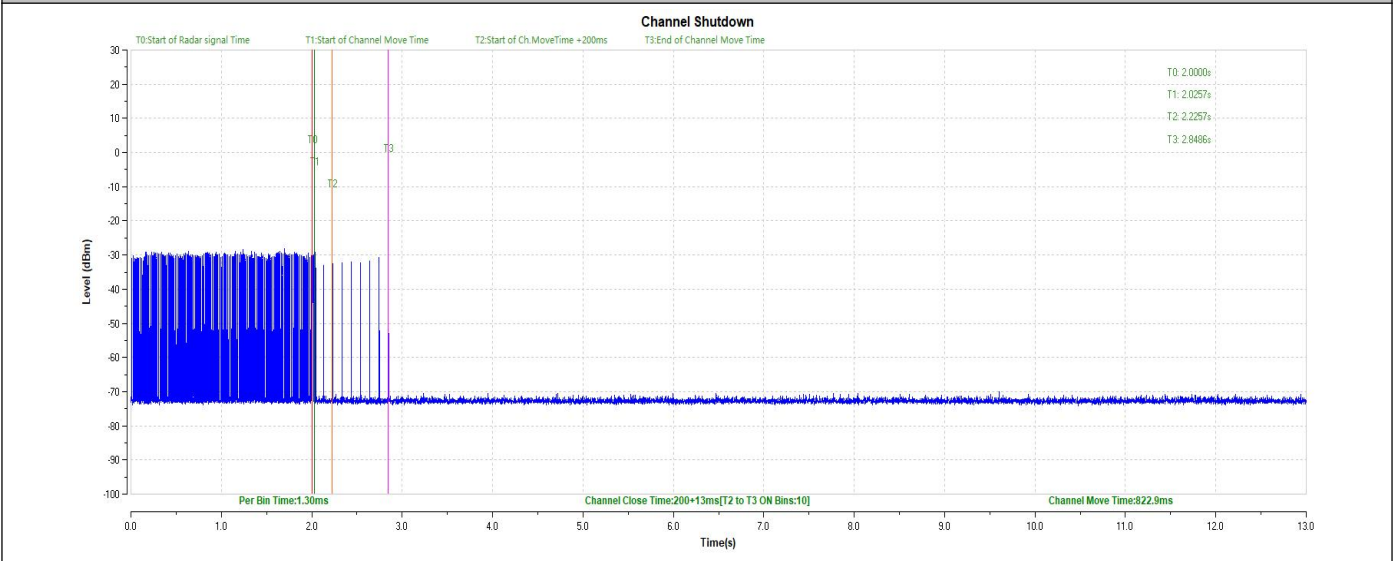
		Type5	26	17	12	5321	1
		Type5	27	19	12	5320	1
		Type5	28	12	12	5324	1
		Type5	29	18	12	5321	1
11AX80	5530	Type5	0	15	12	5570	1
		Type5	1	8	12	5570	1
		Type5	2	11	12	5570	1
		Type5	3	20	12	5570	1
		Type5	4	17	12	5570	1
		Type5	5	14	12	5570	1
		Type5	6	15	12	5570	1
		Type5	7	12	12	5570	1
		Type5	8	14	12	5570	1
		Type5	9	8	12	5570	1
		Type5	10	17	12	5499	1
		Type5	11	19	12	5500	1
		Type5	12	15	12	5498	1
		Type5	13	12	12	5497	1
		Type5	14	19	12	5500	1
		Type5	15	14	12	5497	0
		Type5	16	20	12	5501	1
		Type5	17	12	12	5497	1
		Type5	18	14	12	5497	1
		Type5	19	12	12	5497	0
		Type5	20	16	12	5641	1
		Type5	21	12	12	5644	1
		Type5	22	20	12	5639	1
		Type5	23	14	12	5643	1
		Type5	24	13	12	5643	1
		Type5	25	8	12	5645	1
		Type5	26	17	12	5641	0
		Type5	27	19	12	5640	1
		Type5	28	12	12	5643	0
		Type5	29	18	12	5641	1

Channel Move Time and Channel Closing Transmission Time

Test Mode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX80	5290	200+13	200+60	837.2	10000	PASS
11AX80	5530	200+13	200+60	822.9	10000	PASS



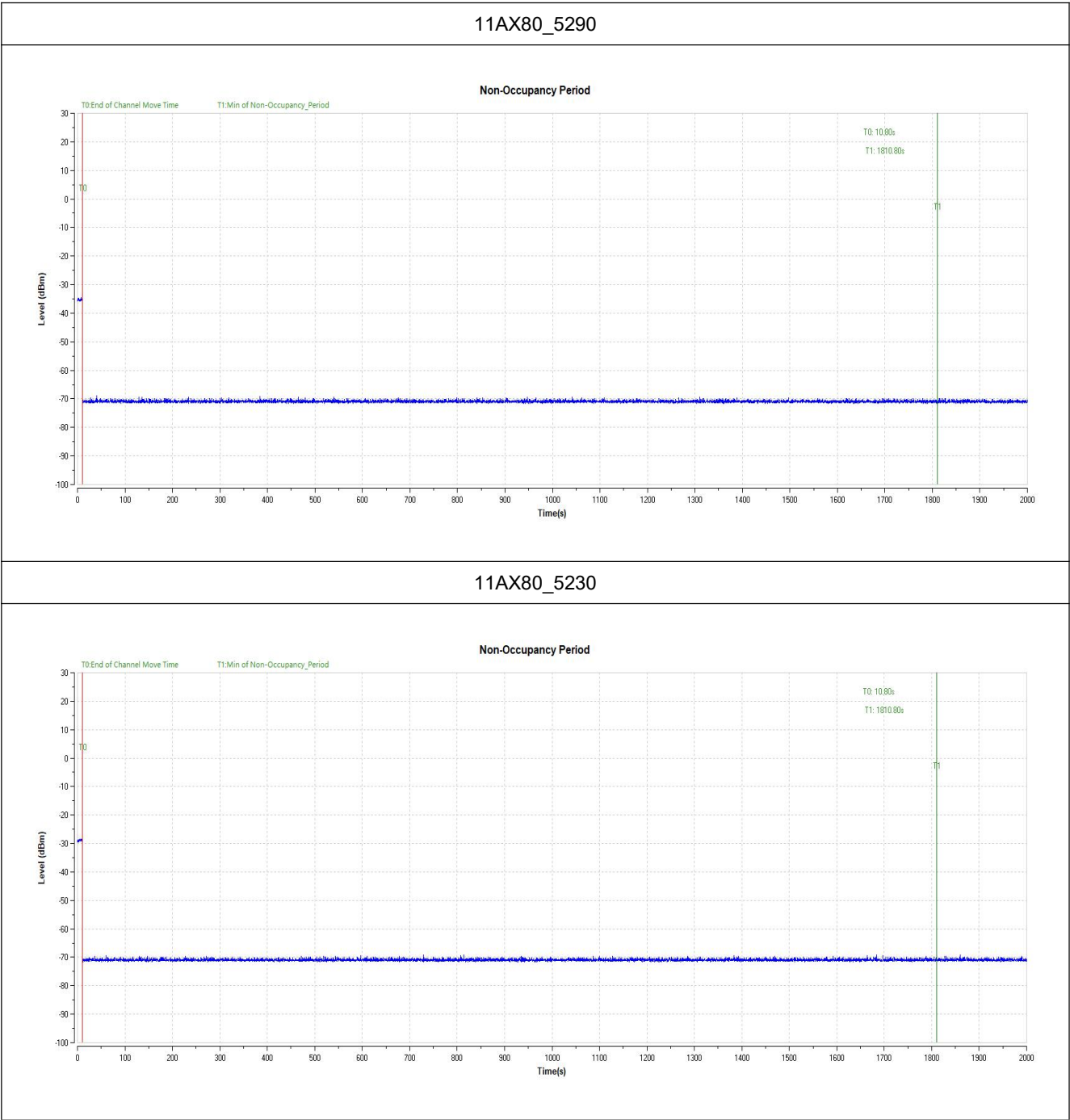
11AX80_5290



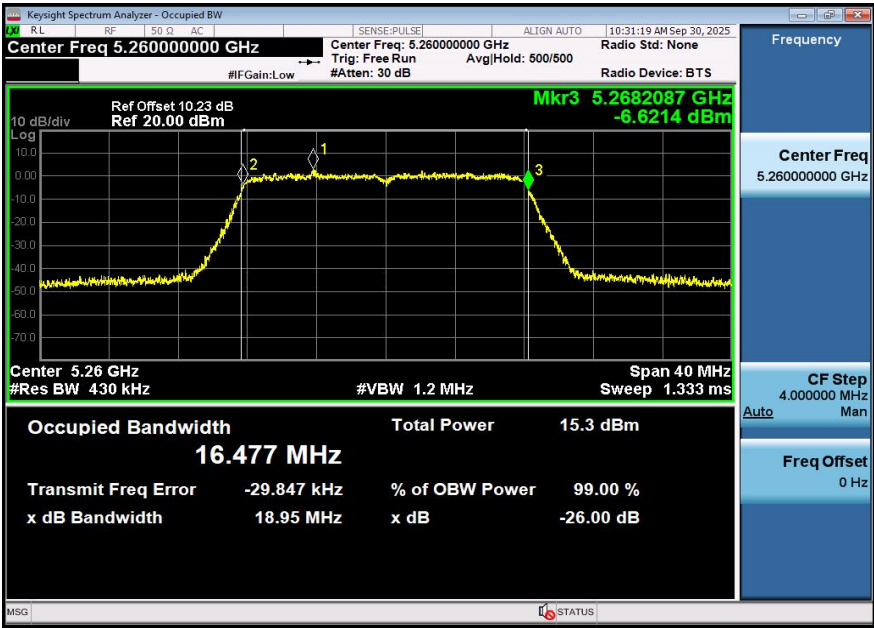
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Non-occupancy Period

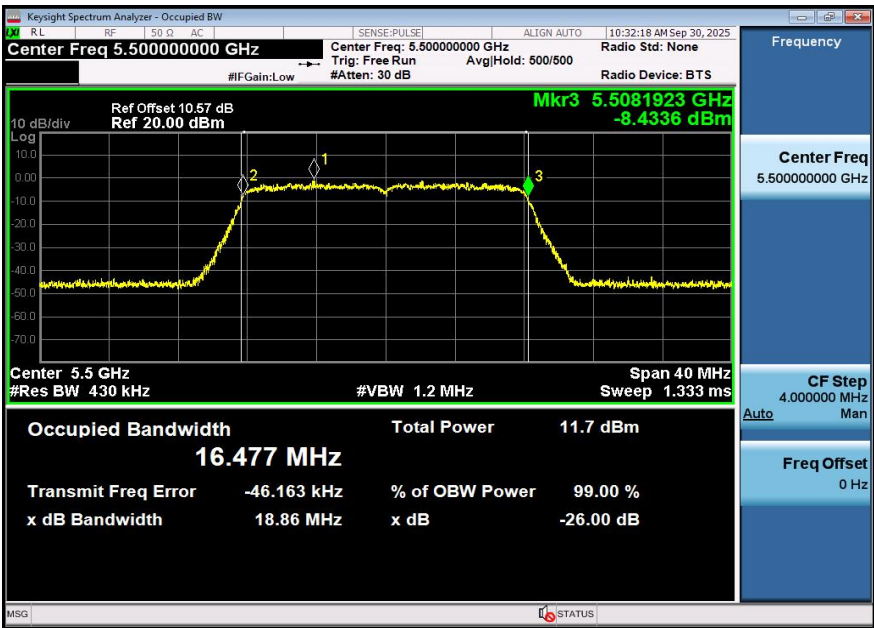
Test Mode	Frequency[MHz]	Result	Limit[s]	Verdict
11AX80	5290	see test graph	≥1800	PASS
11AX80	5530	see test graph	≥1800	PASS



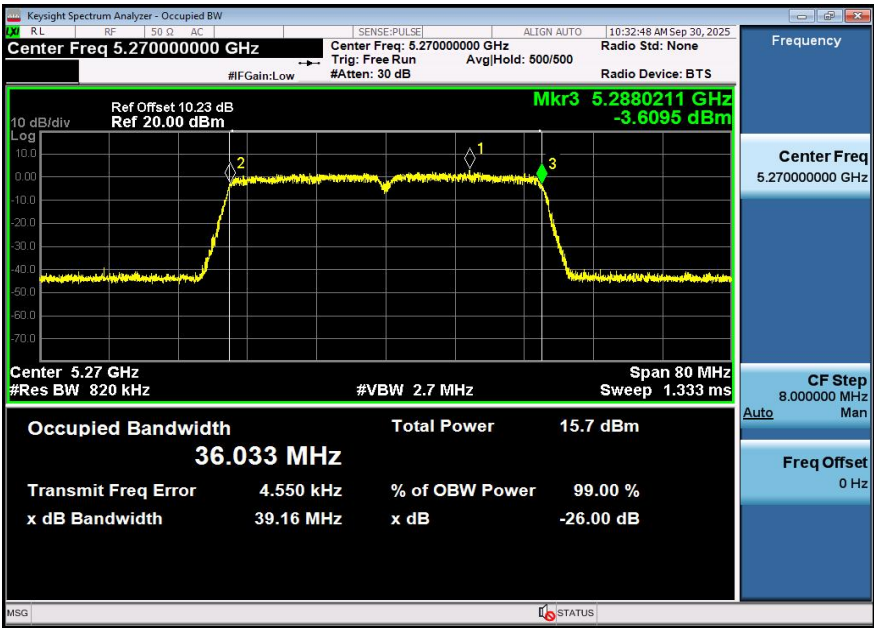
Test Graphs



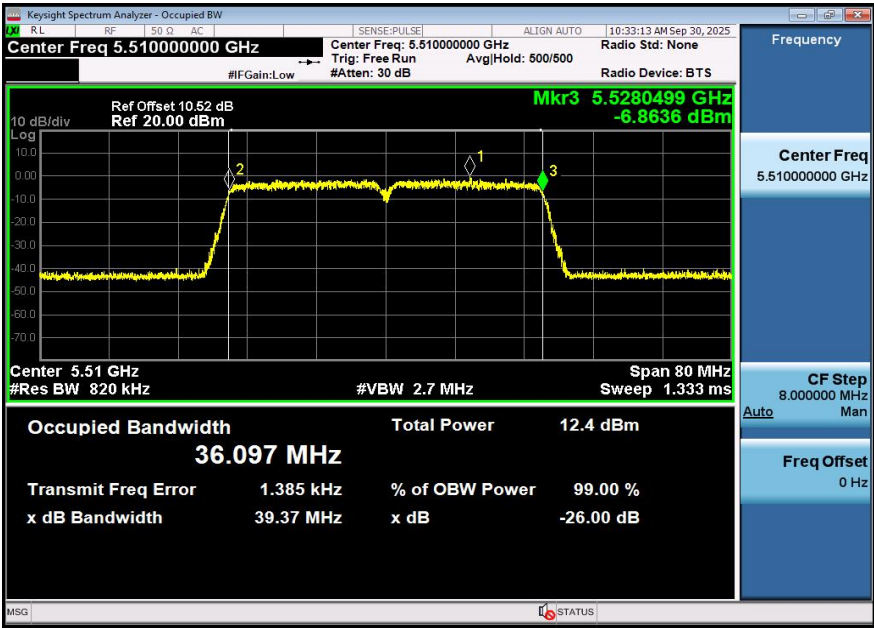
11AX-5260-PASS



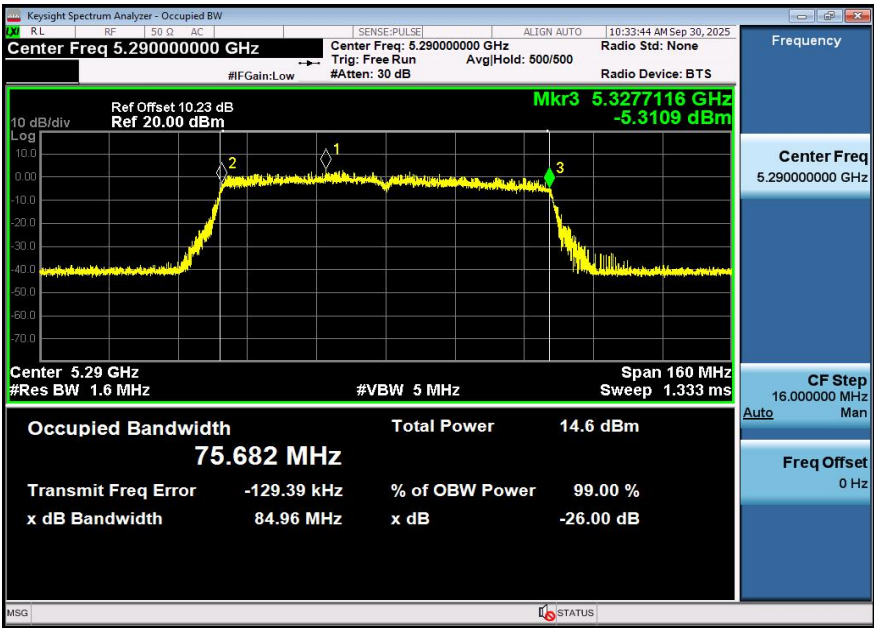
11AX-5500-PASS



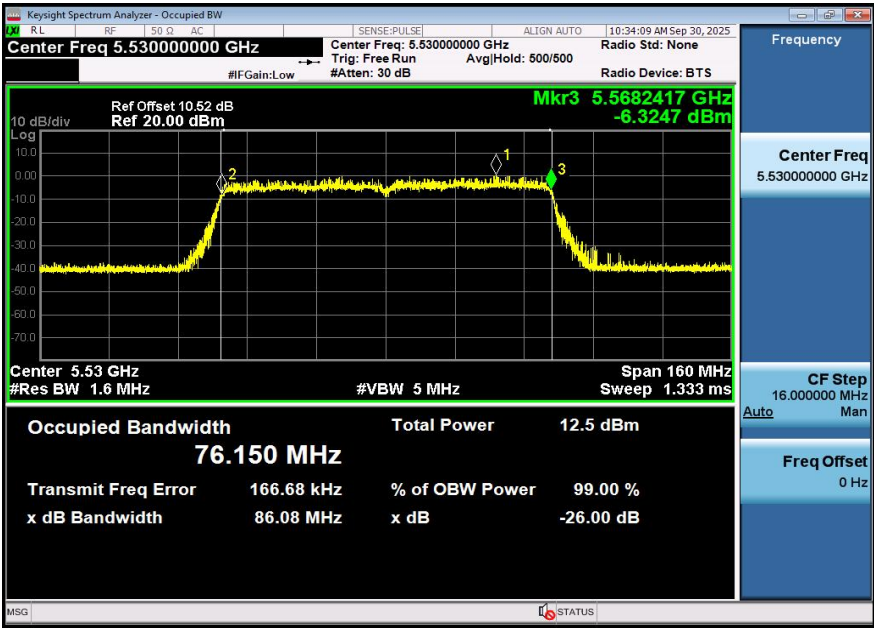
11AX40-5270-PASS



11 AX40-5510-PASS

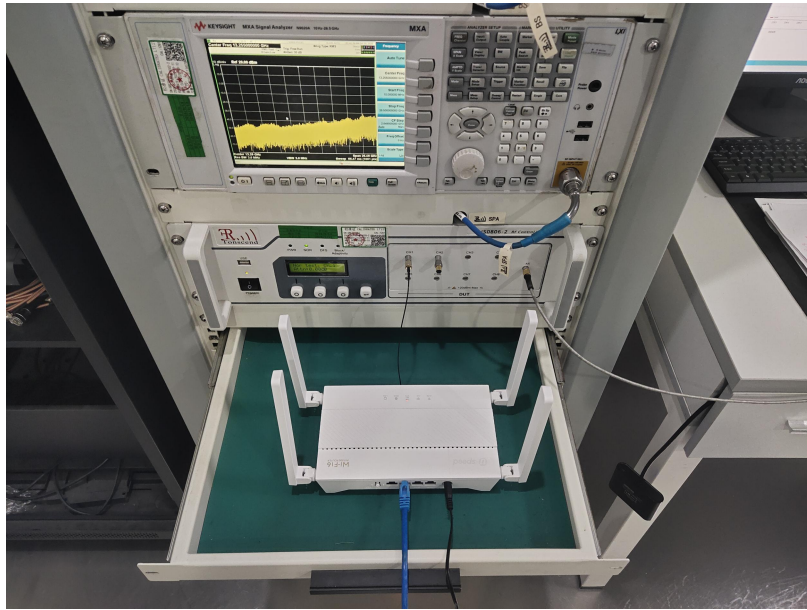


11AX80SISO-5290-PASS



11AX80SISO-5530-PASS

8. Test Setup Photos of the EUT



9. *Photos of the EUT*

Reference to the test report No.GRCTR25090202901.

***** End of Report *****